

Converting Colors

$Yxy(86.2401, 0.3199, 0.3318)$

Have a look what the booklet for
Yxy(86.2401, 0.3199, 0.3318)
contains.

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Color

Yxy(86.1594, 0.3200, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDEB
RGB	246, 237, 235
RGB Percent	96%, 93%, 92%
CMY	0.0351, 0.0706, 0.0784
CMYK	0.00, 0.04, 0.04, 0.04
HSL	11°, 38%, 94%
HSV	11°, 4%, 96%
XYZ	83.2961, 86.1594, 90.8448
YIQ	239.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

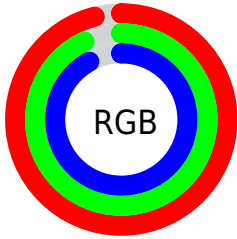
Format	Color
R _Y B	246, 237, 235
Decimal	16182763
CIE Lab	94.38, 2.70, 2.03
CIE LCh	94, 3.380, 36.879
Yxy	86.1594, 0.3200, 0.3310
Android (android.graphics.Color)	4294372843 (0xFFFF6EDEB)
YUV	239.4630, -2.2003, 5.7329
Hunter-Lab	92.8221, -2.2575, 6.9484

Details

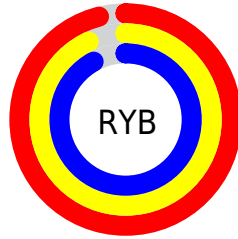
The Yxy color **86.1594, 0.3200, 0.3310** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.0545, 0.3058, 0.3270**, and the grayscale version is **86.7164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2496, 0.3221, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **73.8028, 0.3388, 0.3357**, and if you desaturate by 10%, it is **98.3396, 0.3072, 0.3290**.

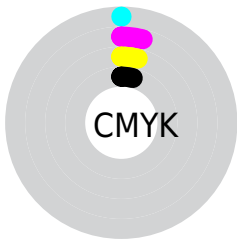
Distribution



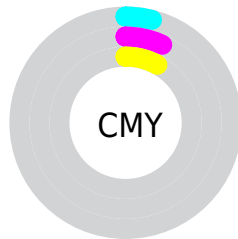
- Red (96%)
- Green (93%)
- Blue (92%)



- Red (96%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1594, 0.3200, 0.3310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 86.1594, 0.3200, 0.3310 by changing the saturation by 10% instead.


 86.1594, 0.3200,
0.3310

 86.1594, 0.3200,
0.3310


515.4567, 0.3167,
0.3301

 64.7998, 0.3207,
0.3312

141.9919, 0.3189,
0.3307

 47.2988, 0.3216,
0.3314


177.2336, 0.3184,
0.3306

 33.2719, 0.3227,
0.3317


217.8714, 0.3181,
0.3305

 22.3348, 0.3242,
0.3321

264.2898, 0.3177,
0.3304

 14.1031, 0.3261,
0.3326

316.8731, 0.3174,
0.3303

 8.1924, 0.3287,
0.3333

376.0058, 0.3172,

 4.2183, 0.3327,

0.3302

0.3342

442.0722, 0.3169,
0.3302

■ 1.7964, 0.3394,
0.3358

■ 0.4849, 0.3769,
0.3469

■ 86.1594, 0.3200,
0.3310

■ 86.1594, 0.3200,
0.3310

■ 73.8028, 0.3388,
0.3357

■ 98.3396, 0.3072,
0.3290

■ 62.9028, 0.3615,
0.3407

■ 53.4088, 0.3890,
0.3458

■ 45.2631, 0.4217,
0.3506

■ 38.4040, 0.4595,
0.3547

■ 32.7650, 0.5012,
0.3571

■ 28.2733, 0.5438,
0.3570

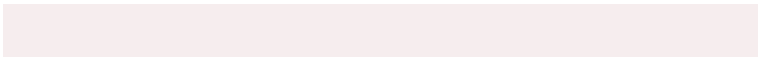
■ 24.8483, 0.5825,
0.3537

■ 22.3982, 0.6119,
0.3471

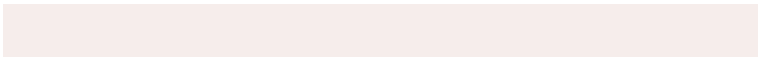
Harmonies

Analogous

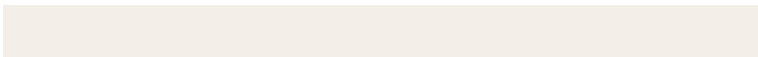
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1594, 0.3180, 0.3276



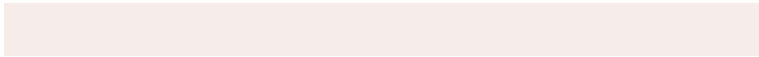
86.1594, 0.3200, 0.3310



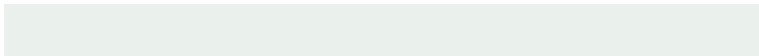
86.1594, 0.3200, 0.3339

Triad

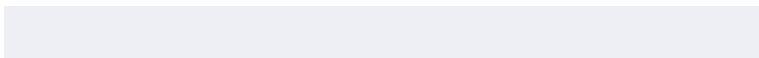
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1594, 0.3200, 0.3310



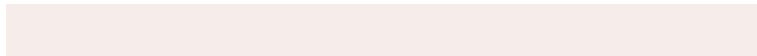
86.1594, 0.3108, 0.3335



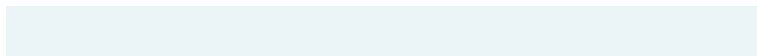
86.1594, 0.3074, 0.3225

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.1594, 0.3200, 0.3310



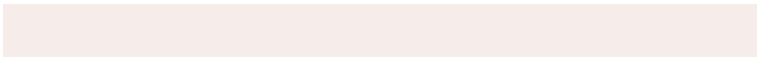
89.0545, 0.3058, 0.3270

Split Complementary

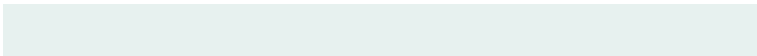
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1594, 0.3055, 0.3241



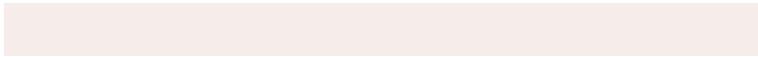
86.1594, 0.3200, 0.3310



86.1594, 0.3075, 0.3304

Square

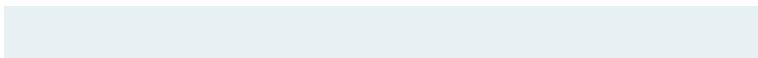
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



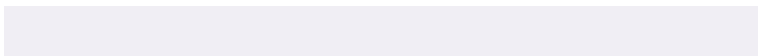
86.1594, 0.3200, 0.3310



86.1594, 0.3147, 0.3354



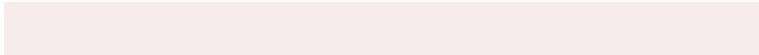
86.1594, 0.3055, 0.3270



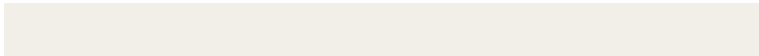
86.1594, 0.3107, 0.3227

Rectangle

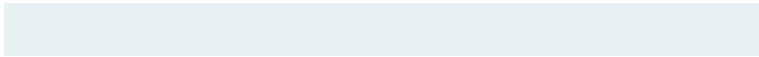
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



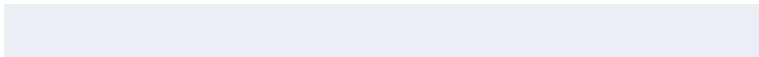
86.1594, 0.3200, 0.3310



86.1594, 0.3189, 0.3352



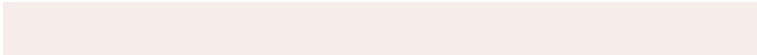
86.1594, 0.3055, 0.3270



86.1594, 0.3065, 0.3229

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.1631, 0.3200, 0.3310



98.5096, 0.3143, 0.3294



85.5665, 0.3144, 0.3199



21.1008, 0.3142, 0.3294



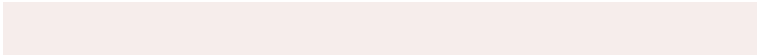
0.0000, 0.0000, 0.0000



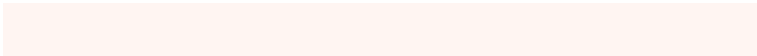
21.4041, 0.3127, 0.3290

Same Dimension

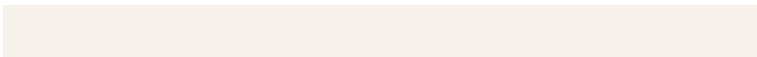
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1631, 0.3200, 0.3310



92.7141, 0.3209, 0.3312



89.3183, 0.3196, 0.3363



17.9837, 0.3221, 0.3316



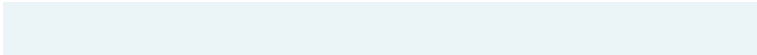
11.5719, 0.6213, 0.3449



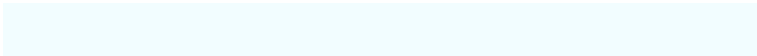
1.1482, 0.5991, 0.3625

Inverse Universe

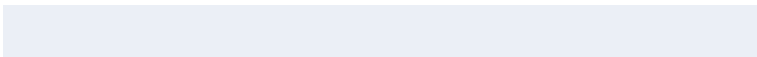
The Inverse Universe completely reimagines the original color for something new.



89.0545, 0.3058, 0.3270



96.2076, 0.3049, 0.3267



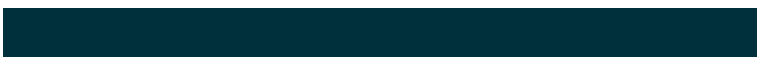
85.8699, 0.3059, 0.3216



18.7578, 0.3039, 0.3264



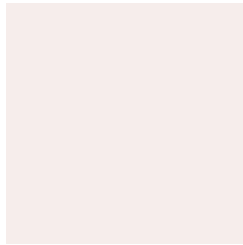
26.2295, 0.2085, 0.2705



2.4346, 0.2107, 0.2786

Previews

White Background



This preview shows how the Yxy color 86.1594, 0.3200, 0.3310 looks on a white background.

Color Contrast Check

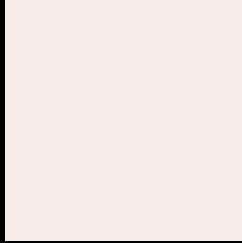
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 86.1594, 0.3200, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

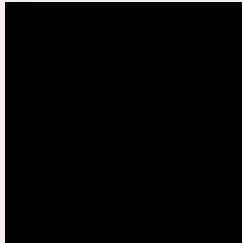
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

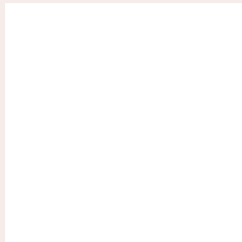
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1594, 0.3200, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 86.1594, 0.3200, 0.3310.

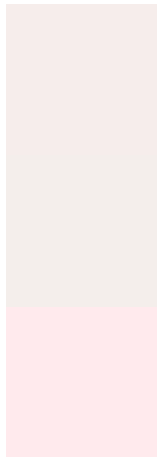


This preview shows how white text looks on a background with the Yxy color 86.1594, 0.3200, 0.3310.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.1594, 0.3200, 0.3310

Protanopia

86.3803, 0.3186, 0.3320

Deuteranopia

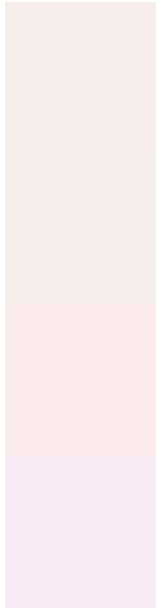
86.2201, 0.3251, 0.3261



Tritanopia

86.0772, 0.3109, 0.3104

Trichromacy



Original Color

86.1594, 0.3200, 0.3310

Protanomaly

86.5597, 0.3192, 0.3320

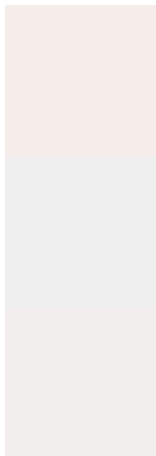
Deuteranomaly

86.1682, 0.3236, 0.3280

Tritanomaly

86.0269, 0.3146, 0.3182

Monochromacy



Original Color

86.1594, 0.3200, 0.3310

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.1994, 0.3154, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1594, 0.3200, 0.3310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.1594, 0.3200, 0.3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 237, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 237, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1594, 0.3200, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
237, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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