

Converting Colors

$Yxy(86.3361, 0.3189, 0.3318)$

Have a look what the booklet for
Yxy(86.3361, 0.3189, 0.3318)
contains.

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Color

Yxy(86.3803, 0.3186, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F4EEEE
RGB	244, 238, 235
RGB Percent	96%, 93%, 92%
CMY	0.0429, 0.0667, 0.0784
CMYK	0.00, 0.02, 0.04, 0.04
HSL	20°, 29%, 94%
HSV	20°, 4%, 96%
XYZ	82.8939, 86.3803, 90.9075
YIQ	239.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

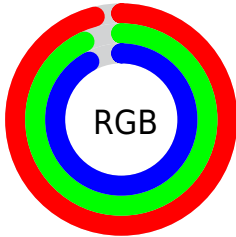
Format	Color
R _Y B	244, 240, 235
Decimal	16051947
CIE Lab	94.47, 1.53, 2.15
CIE LCh	94, 2.635, 54.603
Yxy	86.3803, 0.3186, 0.3320
Android (android.graphics.Color)	4294242027 (0xFF4EEEB)
YUV	239.4520, -2.1948, 3.9886
Hunter-Lab	92.9410, -3.4430, 7.0660

Details

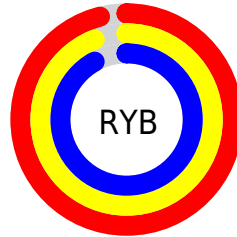
The Yxy color **86.3803, 0.3186, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1577, 0.3070, 0.3260**, and the grayscale version is **86.7103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4019, 0.3203, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **75.9637, 0.3364, 0.3405**, and if you desaturate by 10%, it is **97.5775, 0.3060, 0.3284**.

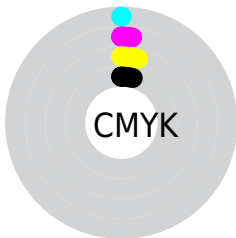
Distribution



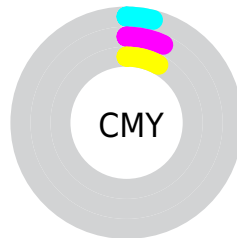
- Red (96%)
- Green (93%)
- Blue (92%)



- Red (96%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (4%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3803, 0.3186, 0.3320 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 86.3803, 0.3186, 0.3320 by changing the saturation by 10% instead.


 86.3803, 0.3186,
0.3320

 86.3803, 0.3186,
0.3320


516.1844, 0.3160,
0.3307

 64.9825, 0.3192,
0.3323


142.3001, 0.3177,
0.3315

 47.4469, 0.3199,
0.3327


177.5908, 0.3173,
0.3314

 33.3891, 0.3208,
0.3331


218.2813, 0.3170,
0.3312

 22.4247, 0.3219,
0.3337

264.7560, 0.3168,
0.3311

 14.1693, 0.3235,
0.3344

317.3993, 0.3165,
0.3310

 8.2385, 0.3256,
0.3355

376.5955, 0.3163,

 4.2479, 0.3288,

0.3309

442.7291, 0.3161,
0.3308

0.3370

■ 1.8132, 0.3342,
0.3396

■ 0.4954, 0.3648,
0.3557

■ 86.3803, 0.3186,
0.3320

■ 86.3803, 0.3186,
0.3320

■ 75.9637, 0.3364,
0.3405

■ 97.5775, 0.3060,
0.3284

■ 66.5734, 0.3575,
0.3495

■ 97.9836, 0.3060,
0.3290

■ 58.1807, 0.3822,
0.3586

■ 50.7516, 0.4107,
0.3675

■ 44.2499, 0.4430,
0.3754

■ 38.6371, 0.4781,
0.3812

■ 33.8715, 0.5141,
0.3837

■ 29.9078, 0.5482,
0.3816

■ 26.6950, 0.5770,
0.3746

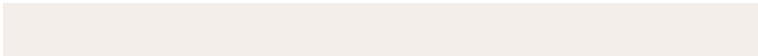
Harmonies

Analogous

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



86.3803, 0.3179, 0.3295



86.3803, 0.3186, 0.3320



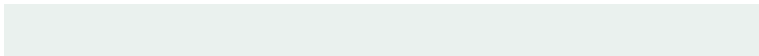
86.3803, 0.3177, 0.3337

Triad

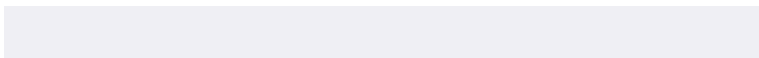
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3803, 0.3186, 0.3320



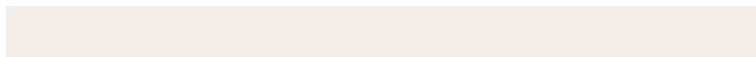
86.3803, 0.3096, 0.3312



86.3803, 0.3100, 0.3239

Complementary

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



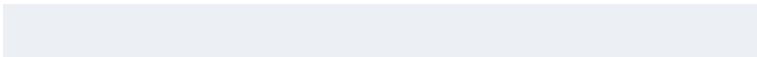
86.3803, 0.3186, 0.3320



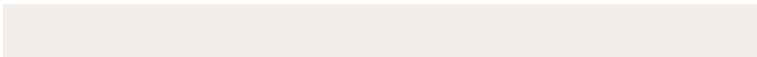
87.1577, 0.3070, 0.3260

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.



86.3803, 0.3078, 0.3243



86.3803, 0.3186, 0.3320



86.3803, 0.3076, 0.3285

Square

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



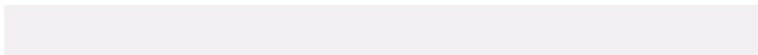
86.3803, 0.3186, 0.3320



86.3803, 0.3125, 0.3333



86.3803, 0.3069, 0.3260



86.3803, 0.3129, 0.3248

Rectangle

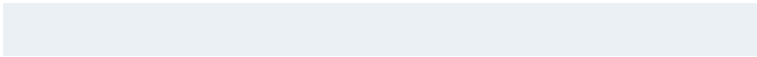
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



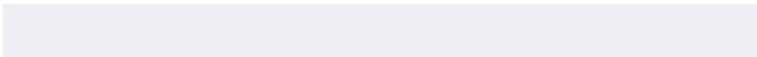
86.3803, 0.3186, 0.3320



86.3803, 0.3163, 0.3342



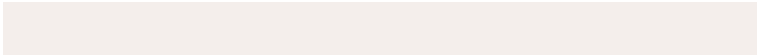
86.3803, 0.3069, 0.3260



86.3803, 0.3091, 0.3239

Sweetspot

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



86.3840, 0.3186, 0.3320



98.7501, 0.3143, 0.3298



85.0283, 0.3149, 0.3228



21.1498, 0.3142, 0.3298



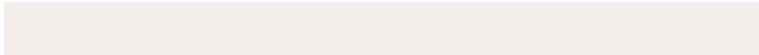
0.0000, 0.0000, 0.0000



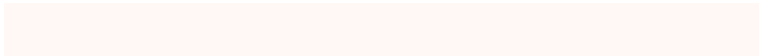
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3840, 0.3186, 0.3320



95.0713, 0.3191, 0.3323



88.9849, 0.3183, 0.3364



18.4605, 0.3203, 0.3329



13.8224, 0.5890, 0.3706



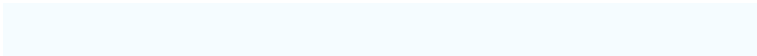
1.3951, 0.5647, 0.3898

Inverse Universe

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



87.1577, 0.3070, 0.3260



95.9937, 0.3065, 0.3257



84.5758, 0.3071, 0.3215



18.6733, 0.3054, 0.3251



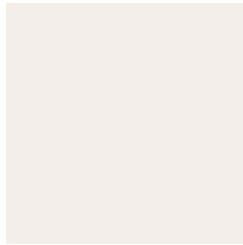
18.1928, 0.1938, 0.2176



1.7864, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 86.3803, 0.3186, 0.3320 looks on a white background.

Color Contrast Check

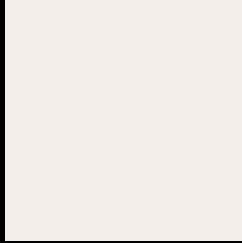
Large Text (above 18pt) WCAG AA × Fail

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 86.3803, 0.3186, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

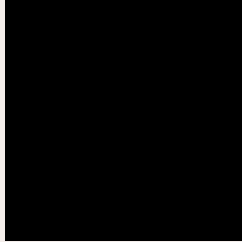
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

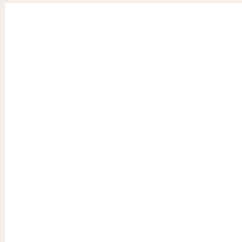
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3803, 0.3186, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 86.3803, 0.3186, 0.3320.

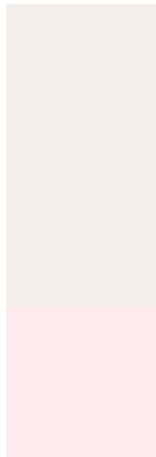


This preview shows how white text looks on a background with the Yxy color 86.3803, 0.3186, 0.3320.

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

86.3803, 0.3186, 0.3320

Protanopia

86.3803, 0.3186, 0.3320

Deuteranopia

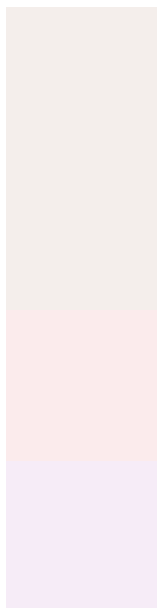
86.2201, 0.3251, 0.3261



Tritanopia

86.3466, 0.3090, 0.3104

Trichromacy



Original Color

86.3803, 0.3186, 0.3320

Protanomaly

86.3803, 0.3186, 0.3320

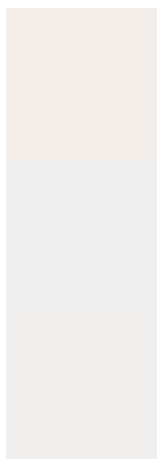
Deuteranomaly

85.9820, 0.3229, 0.3280

Tritanomaly

86.2991, 0.3126, 0.3181

Monochromacy



Original Color

86.3803, 0.3186, 0.3320

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.6068, 0.3146, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3803, 0.3186, 0.3320 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(244, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 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(244, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.3803, 0.3186, 0.3320 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(244, 238, 235) }
```

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

```
.border{ border-color:rgb(244, 238, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3803, 0.3186, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 235) }
```

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

```
.background{ background-color: rgb(244,  
238, 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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