

Converting Colors

Yxy(86.8256, 0.3190, 0.3305)

Have a look what the booklet for
Yxy(86.8256, 0.3190, 0.3305)
contains.

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Color

Yxy(86.8563, 0.3187, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F6EEED
RGB	246, 238, 237
RGB Percent	96%, 93%, 93%
CMY	0.0351, 0.0667, 0.0706
CMYK	0.00, 0.03, 0.04, 0.04
HSL	7°, 34%, 95%
HSV	7°, 4%, 96%
XYZ	83.8821, 86.8563, 92.4625
YIQ	240.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

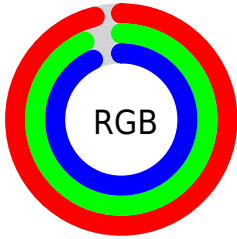
Format	Color
R _Y B	246, 238, 237
Decimal	16183021
CIE Lab	94.68, 2.54, 1.43
CIE LCh	95, 2.918, 29.328
Yxy	86.8563, 0.3187, 0.3300
Android (android.graphics.Color)	4294373101 (0xFF6EEED)
YUV	240.2780, -1.6161, 5.0182
Hunter-Lab	93.1967, -2.4346, 6.4148

Details

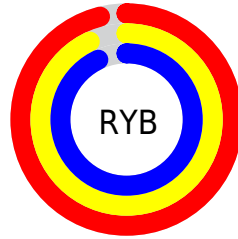
The Yxy color **86.8563, 0.3187, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.0115, 0.3070, 0.3280**, and the grayscale version is **87.3847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.7392, 0.3204, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **73.5221, 0.3375, 0.3329**, and if you desaturate by 10%, it is **98.3441, 0.3072, 0.3290**.

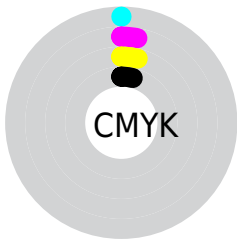
Distribution



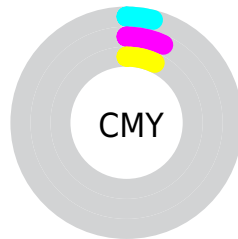
- Red (96%)
- Green (93%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (4%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.8563, 0.3187, 0.3300 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 86.8563, 0.3187, 0.3300 by changing the saturation by 10% instead.

 86.8563, 0.3187,
0.3300

 86.8563, 0.3187,
0.3300

517.7506, 0.3160,
0.3296

 65.3763, 0.3193,
0.3301


142.9638, 0.3178,
0.3299

 47.7663, 0.3200,
0.3302


178.3601, 0.3174,
0.3298

 33.6418, 0.3209,
0.3304


219.1640, 0.3171,
0.3297

 22.6186, 0.3221,
0.3305

265.7598, 0.3168,
0.3297

 14.3121, 0.3236,
0.3308

318.5320, 0.3166,
0.3297

 8.3381, 0.3258,
0.3311

377.8649, 0.3164,

 4.3120, 0.3291,

0.3296

0.3316

444.1430, 0.3162,
0.3296

■ 1.8496, 0.3344,
0.3323

■ 0.5178, 0.3609,
0.3371

■ 86.8563, 0.3187,
0.3300

■ 86.8563, 0.3187,
0.3300

■ 73.5221, 0.3375,
0.3329

■ 98.3441, 0.3072,
0.3290

■ 61.8722, 0.3606,
0.3359

■ 51.8432, 0.3888,
0.3391

■ 43.3629, 0.4229,
0.3420

■ 36.3540, 0.4627,
0.3445

■ 30.7324, 0.5069,
0.3458

■ 26.4056, 0.5520,
0.3455

■ 23.2696, 0.5922,
0.3430

■ 21.2040, 0.6212,
0.3386

Harmonies

Analogous

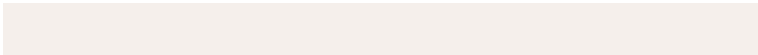
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8563, 0.3166, 0.3271



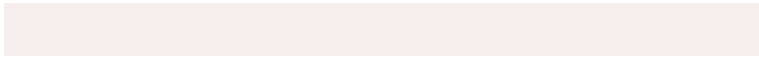
86.8563, 0.3187, 0.3300



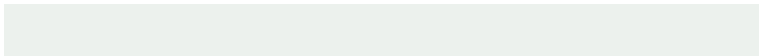
86.8563, 0.3192, 0.3327

Triad

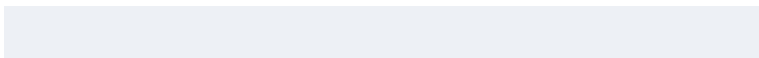
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8563, 0.3187, 0.3300



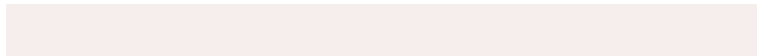
86.8563, 0.3119, 0.3334



86.8563, 0.3075, 0.3236

Complementary

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



86.8563, 0.3187, 0.3300



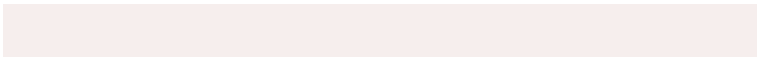
90.0115, 0.3070, 0.3280

Split Complementary

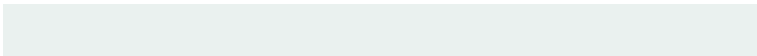
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8563, 0.3063, 0.3253



86.8563, 0.3187, 0.3300



86.8563, 0.3088, 0.3310

Square

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



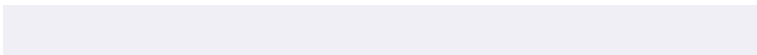
86.8563, 0.3187, 0.3300



86.8563, 0.3153, 0.3347



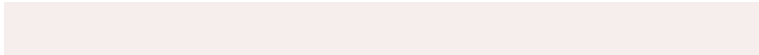
86.8563, 0.3068, 0.3280



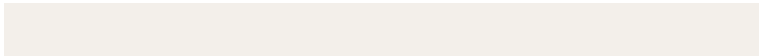
86.8563, 0.3102, 0.3234

Rectangle

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



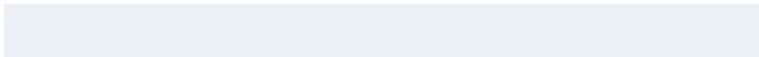
86.8563, 0.3187, 0.3300



86.8563, 0.3185, 0.3340



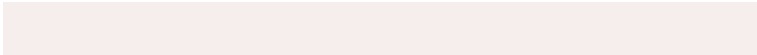
86.8563, 0.3068, 0.3280



86.8563, 0.3070, 0.3241

Sweetspot

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



86.8601, 0.3187, 0.3300



98.3958, 0.3143, 0.3293



86.7739, 0.3137, 0.3209



21.0777, 0.3142, 0.3293



0.0000, 0.0000, 0.0000



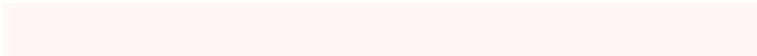
21.4041, 0.3127, 0.3290

Same Dimension

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



86.8601, 0.3187, 0.3300



93.6986, 0.3192, 0.3301



89.4831, 0.3184, 0.3344



18.1446, 0.3205, 0.3303



10.9689, 0.6312, 0.3370



1.0580, 0.6140, 0.3507

Inverse Universe

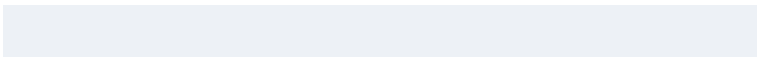
The Inverse Universe completely reimagines the original color for something new.



90.0115, 0.3070, 0.3280



97.4089, 0.3065, 0.3279



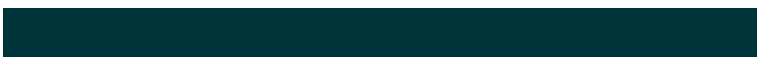
87.3503, 0.3071, 0.3235



19.0008, 0.3053, 0.3277



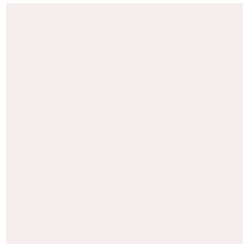
30.7696, 0.2151, 0.2943



2.7909, 0.2164, 0.2990

Previews

White Background



This preview shows how the Yxy color 86.8563, 0.3187, 0.3300 looks on a white background.

Color Contrast Check

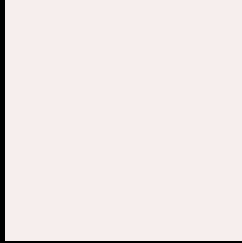
Large Text (above 18pt) WCAG AA × Fail

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 86.8563, 0.3187, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

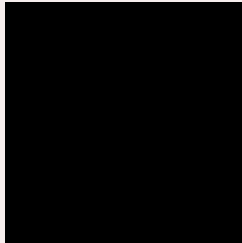
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

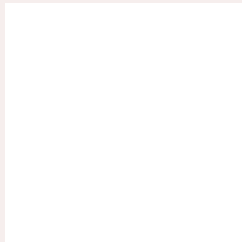
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.8563, 0.3187, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 86.8563, 0.3187, 0.3300.

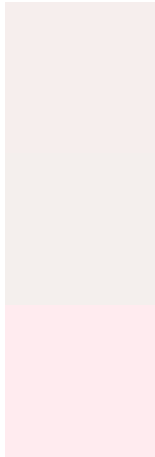


This preview shows how white text looks on a background with the Yxy color 86.8563, 0.3187, 0.3300.

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

86.8563, 0.3187, 0.3300

Protanopia

87.0805, 0.3173, 0.3310

Deuteranopia

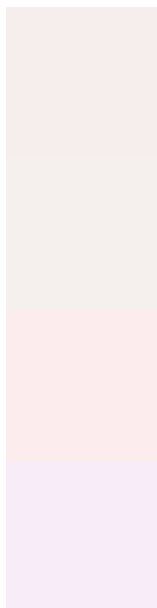
86.9087, 0.3237, 0.3251



Tritanopia

86.7122, 0.3103, 0.3104

Trichromacy



Original Color

86.8563, 0.3187, 0.3300

Protanomaly

87.2599, 0.3179, 0.3310

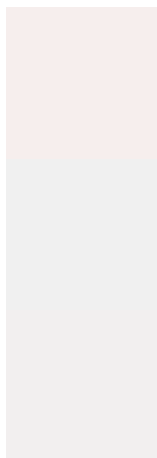
Deuteranomaly

86.8594, 0.3222, 0.3271

Tritanomaly

86.7247, 0.3133, 0.3172

Monochromacy



Original Color

86.8563, 0.3187, 0.3300

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.8422, 0.3147, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.8563, 0.3187, 0.3300 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, 238, 237)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 237)  
}
```

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, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 237) }
```

Border

The CSS property to change the border of an element to Yxy 86.8563, 0.3187, 0.3300 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, 238, 237) }
```

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

```
.border{ border-color:rgb(246, 238, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 86.8563, 0.3187, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 237) }
```

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

```
.background{ background-color: rgb(246,  
238, 237) }
```

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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