

Converting Colors

$Yxy(88.5929, 0.3184, 0.3330)$

Have a look what the booklet for
Yxy(88.5929, 0.3184, 0.3330)
contains.

Yxy(88.6178, 0.3185, 0.3330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.6178, 0.3185, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	F6F1ED
RGB	246, 241, 237
RGB Percent	96%, 95%, 93%
CMY	0.0351, 0.0549, 0.0707
CMYK	0.00, 0.02, 0.04, 0.04
HSL	27°, 34%, 95%
HSV	27°, 4%, 96%
XYZ	84.7591, 88.6178, 92.7427
YIQ	242.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

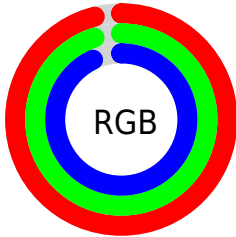
Format	Color
R _Y B	246, 244, 237
Decimal	16183789
CIE Lab	95.42, 1.01, 2.52
CIE LCh	95, 2.713, 68.231
Yxy	88.6178, 0.3185, 0.3330
Android (android.graphics.Color)	4294373869 (0xFF6F1ED)
YUV	242.0390, -2.4842, 3.4738
Hunter-Lab	94.1370, -4.0220, 7.4841

Details

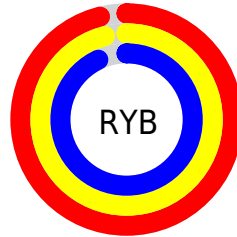
The Yxy color **88.6178, 0.3185, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1898, 0.3070, 0.3250**, and the grayscale version is **88.8501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9813, 0.3201, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **79.4555, 0.3359, 0.3444**, and if you desaturate by 10%, it is **98.1664, 0.3072, 0.3287**.

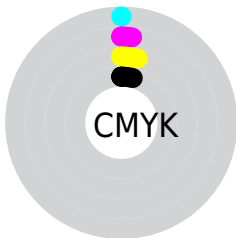
Distribution



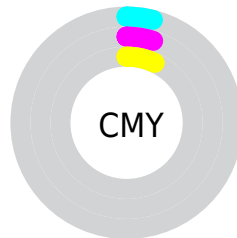
- Red (96%)
- Green (95%)
- Blue (93%)



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



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



- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6178, 0.3185, 0.3330 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 88.6178, 0.3185, 0.3330 by changing the saturation by 10% instead.

88.6178, 0.3185,
0.3330

88.6178, 0.3185,
0.3330

523.5243, 0.3159,
0.3312

66.8348, 0.3191,
0.3334

145.4170, 0.3176,
0.3324

48.9504, 0.3198,
0.3339

181.2019, 0.3173,
0.3322

34.5801, 0.3206,
0.3345

222.4230, 0.3170,
0.3320

23.3396, 0.3217,
0.3352

269.4647, 0.3167,
0.3318

14.8445, 0.3232,
0.3362

322.7112, 0.3165,
0.3316

8.7103, 0.3253,
0.3376

382.5471, 0.3163,

4.5527, 0.3283,

0.3315

0.3396

449.3566, 0.3161,
0.3313

■ 1.9873, 0.3333,
0.3430

■ 0.6001, 0.3558,
0.3588

■ 88.6178, 0.3185,
0.3330

■ 88.6178, 0.3185,
0.3330

■ 79.4555, 0.3359,
0.3444

■ 98.1664, 0.3072,
0.3287

■ 71.0781, 0.3559,
0.3563

■ 98.3429, 0.3072,
0.3290

■ 63.4671, 0.3788,
0.3684

■ 56.5988, 0.4047,
0.3803

■ 50.4482, 0.4331,
0.3910

■ 44.9889, 0.4632,
0.3995

■ 40.1920, 0.4937,
0.4043

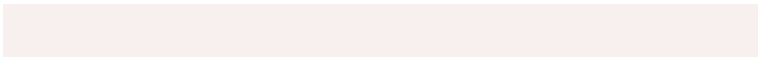
■ 36.0262, 0.5224,
0.4044

■ 32.4559, 0.5472,
0.3989

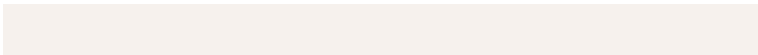
Harmonies

Analogous

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



88.6178, 0.3185, 0.3307



88.6178, 0.3185, 0.3330



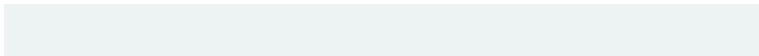
88.6178, 0.3169, 0.3342

Triad

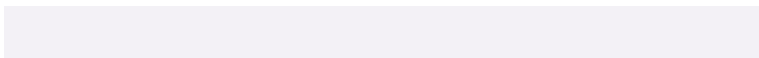
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6178, 0.3185, 0.3330



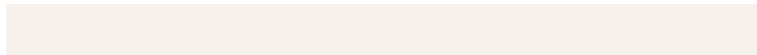
88.6178, 0.3084, 0.3300



88.6178, 0.3112, 0.3240

Complementary

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



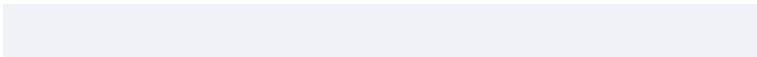
88.6178, 0.3185, 0.3330



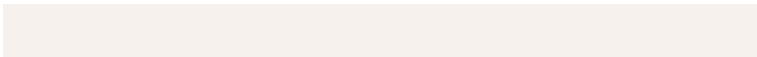
88.1898, 0.3070, 0.3250

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.



88.6178, 0.3086, 0.3238



88.6178, 0.3185, 0.3330



88.6178, 0.3069, 0.3273

Square

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



88.6178, 0.3185, 0.3330



88.6178, 0.3111, 0.3325



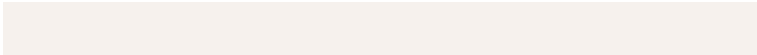
88.6178, 0.3070, 0.3250



88.6178, 0.3143, 0.3256

Rectangle

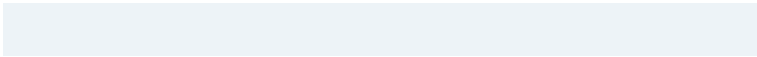
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



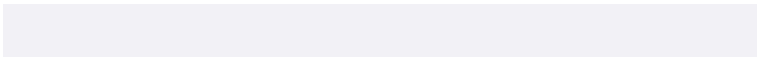
88.6178, 0.3185, 0.3330



88.6178, 0.3152, 0.3343



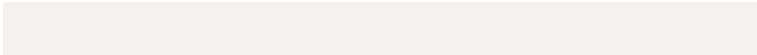
88.6178, 0.3070, 0.3250



88.6178, 0.3103, 0.3238

Sweetspot

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



88.6216, 0.3185, 0.3330



98.9322, 0.3143, 0.3301



86.5785, 0.3156, 0.3239



21.1868, 0.3142, 0.3300



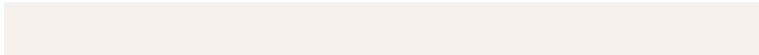
0.0000, 0.0000, 0.0000



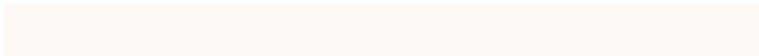
21.4041, 0.3127, 0.3290

Same Dimension

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



88.6216, 0.3185, 0.3330



95.7820, 0.3190, 0.3334



91.2940, 0.3182, 0.3374



18.6243, 0.3202, 0.3342



16.5323, 0.5577, 0.3953



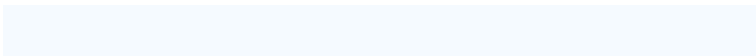
1.6543, 0.5362, 0.4125

Inverse Universe

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



88.1898, 0.3070, 0.3250



95.2742, 0.3066, 0.3246



85.5668, 0.3072, 0.3205



18.5071, 0.3054, 0.3238



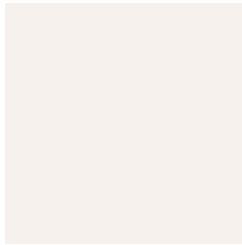
13.4294, 0.1827, 0.1775



1.3850, 0.1884, 0.1981

Previews

White Background



This preview shows how the Yxy color 88.6178, 0.3185, 0.3330 looks on a white background.

Color Contrast Check

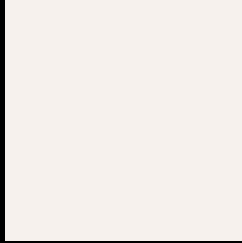
Large Text (above 18pt) WCAG AA × Fail

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 88.6178, 0.3185, 0.3330 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

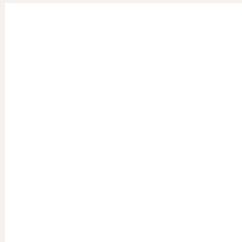
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6178, 0.3185, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 88.6178, 0.3185, 0.3330.

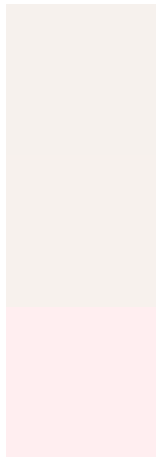


This preview shows how white text looks on a background with the Yxy color 88.6178, 0.3185, 0.3330.

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

88.6178, 0.3185, 0.3330

Protanopia

88.7992, 0.3191, 0.3330

Deuteranopia

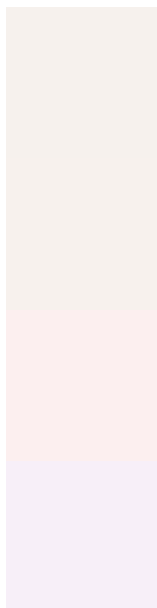
88.7003, 0.3228, 0.3271



Tritanopia

88.3255, 0.3089, 0.3124

Trichromacy



Original Color

88.6178, 0.3185, 0.3330

Protanomaly

88.7992, 0.3191, 0.3330

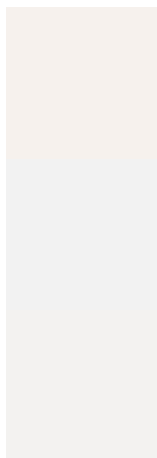
Deuteranomaly

88.6604, 0.3213, 0.3290

Tritanomaly

88.2845, 0.3125, 0.3202

Monochromacy



Original Color

88.6178, 0.3185, 0.3330

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.8502, 0.3146, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6178, 0.3185, 0.3330 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, 241, 237) looks like.

```
.text, #text, p{  
    color:rgb(246, 241, 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, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.6178, 0.3185, 0.3330 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, 241, 237) }
```

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

```
.border{ border-color:rgb(246, 241, 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, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6178, 0.3185, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 237) }
```

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

```
.background{ background-color: rgb(246,  
241, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor