

Converting Colors

Yxy(66.1566, 0.3773, 0.3802)

Have a look what the booklet for
Yxy(66.1566, 0.3773, 0.3802)
contains.

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Color

Yxy(66.1835, 0.3770, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	F3CF9F
RGB	243, 207, 159
RGB Percent	95%, 81%, 62%
CMY	0.0470, 0.1883, 0.3764
CMYK	0.00, 0.15, 0.35, 0.05
HSL	34°, 78%, 79%
HSV	34°, 35%, 95%
XYZ	65.5403, 66.1835, 42.1231
YIQ	212.2920, 36.8640, -7.2960

Conversions

Conversions Part 2

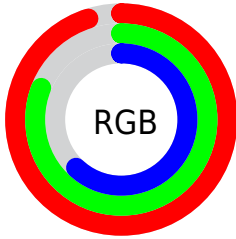
Format	Color
R _Y B	222, 243, 159
Decimal	15978399
CIE Lab	85.09, 6.00, 28.56
CIE LCh	85, 29.186, 78.135
Yxy	66.1835, 0.3770, 0.3807
Android (android.graphics.Color)	4294168479 (0xFFFF3CF9F)
YUV	212.2920, -26.2730, 26.9309
Hunter-Lab	81.3532, 1.4360, 26.2481

Details

The Yxy color **66.1835, 0.3770, 0.3807** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8914, 0.2561, 0.2708**, and the grayscale version is **66.2061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **34.2831, 0.3928, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **60.5397, 0.3999, 0.3957**, and if you desaturate by 10%, it is **72.3327, 0.3559, 0.3653**.

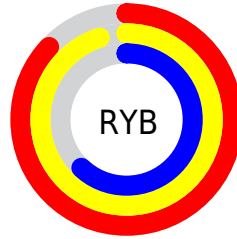
Distribution



Red (95%)

Green (81%)

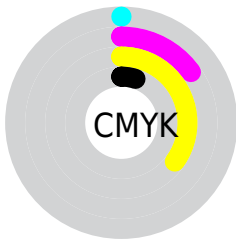
Blue (62%)



Red (87%)

Yellow (95%)

Blue (62%)

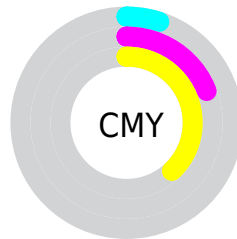


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1835, 0.3770, 0.3807 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 66.1835, 0.3770, 0.3807 by changing the saturation by 10% instead.


 66.1835, 0.3770,
0.3807


 66.1835, 0.3770,
0.3807


447.0329, 0.3468,
0.3570

 48.4214, 0.3839,
0.3860


 113.7497, 0.3665,
0.3726

 34.1607, 0.3924,
0.3923


 144.3225, 0.3624,
0.3694

 23.0171, 0.4032,
0.4002


179.9344, 0.3589,
0.3666

 14.6061, 0.4170,
0.4101

220.9696, 0.3559,
0.3642

 8.5434, 0.4354,
0.4226

267.8127, 0.3532,
0.3621

 4.4446, 0.4603,
0.4382

320.8480, 0.3508,

 1.9252, 0.5201,

0.3602

0.4799

380.4599, 0.3487,
0.3585

■ 0.5635, 0.5476,
0.4524

■ 0.0000, 0.0000,
0.0000

■ 66.1835, 0.3770,
0.3807

■ 66.1835, 0.3770,
0.3807

■ 60.5397, 0.3999,
0.3957

■ 72.3327, 0.3559,
0.3653

■ 55.3759, 0.4242,
0.4093

■ 78.9932, 0.3368,
0.3500

■ 50.6779, 0.4490,
0.4204

■ 86.1825, 0.3198,
0.3354

■ 46.4266, 0.4730,
0.4277

■ 93.8355, 0.3055,
0.3228

■ 42.6010, 0.4949,
0.4301

■ 97.7996, 0.3054,
0.3290

■ 39.1765, 0.5133,
0.4271

■ 37.4692, 0.5221,
0.4236

Harmonies

Analogous

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



66.1835, 0.3851, 0.3554



66.1835, 0.3770, 0.3807



66.1835, 0.3513, 0.3938

Triad

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



66.1835, 0.3770, 0.3807



66.1835, 0.2560, 0.3280



66.1835, 0.3059, 0.2781

Complementary

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



66.1835, 0.3770, 0.3807



52.8914, 0.2561, 0.2708

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.



66.1835, 0.2728, 0.2698



66.1835, 0.3770, 0.3807



66.1835, 0.2453, 0.2961

Square

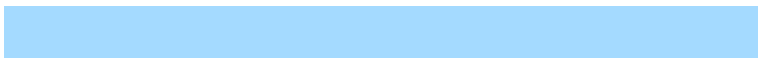
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1835, 0.3770, 0.3807



66.1835, 0.2814, 0.3629



66.1835, 0.2513, 0.2756



66.1835, 0.3427, 0.2981

Rectangle

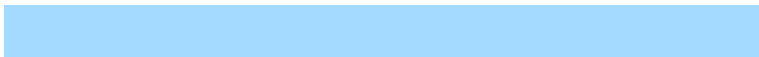
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1835, 0.3770, 0.3807



66.1835, 0.3284, 0.3921



66.1835, 0.2513, 0.2756



66.1835, 0.2939, 0.2739

Sweetspot

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



66.1866, 0.3770, 0.3807



91.6854, 0.3288, 0.3433



47.8168, 0.3591, 0.2897



19.3847, 0.3313, 0.3454



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.



66.1866, 0.3770, 0.3807



69.6512, 0.3918, 0.3906



84.6990, 0.3608, 0.4165



18.0539, 0.3279, 0.3425



20.8324, 0.5200, 0.4253



2.0347, 0.5039, 0.4381

Inverse Universe

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



52.8914, 0.2561, 0.2708



52.9049, 0.2449, 0.2576



39.2283, 0.2540, 0.2263



17.0953, 0.2980, 0.3151



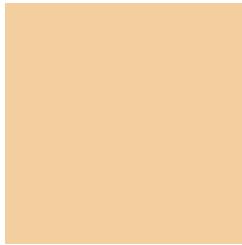
9.2638, 0.1708, 0.1348



1.0139, 0.1775, 0.1591

Previews

White Background



This preview shows how the Yxy color 66.1835, 0.3770, 0.3807 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 66.1835, 0.3770, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

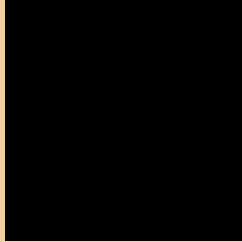
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1835, 0.3770, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 66.1835, 0.3770, 0.3807.



This preview shows how white text looks on a background with the Yxy color 66.1835, 0.3770, 0.3807.

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

66.1835, 0.3770, 0.3807

Protanopia

65.9911, 0.3609, 0.3862

Deuteranopia

66.2330, 0.3839, 0.3754



Tritanopia

65.8929, 0.3403, 0.3125

Trichromacy



Original Color

66.1835, 0.3770, 0.3807

Protanomaly

65.9549, 0.3671, 0.3843

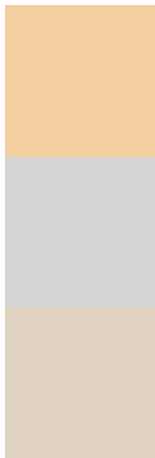
Deuteranomaly

66.1572, 0.3810, 0.3769

Tritanomaly

65.9553, 0.3537, 0.3365

Monochromacy



Original Color

66.1835, 0.3770, 0.3807

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6314, 0.3347, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1835, 0.3770, 0.3807 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(243, 207, 159)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 159)  
}
```

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(243, 207, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 159) }
```

Border

The CSS property to change the border of an element to Yxy 66.1835, 0.3770, 0.3807 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(243, 207, 159) }
```

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

```
.border{ border-color:rgb(243, 207, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 207, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 159);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1835, 0.3770, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 159) }
```

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

```
.background{ background-color: rgb(243,  
207, 159) }
```

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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