

Converting Colors

$Yxy(66.0317, 0.3802, 0.3751)$

Have a look what the booklet for
Yxy(66.0317, 0.3802, 0.3751)
contains.

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Color

Yxy(66.1923, 0.3803, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	F8CDA1
RGB	248, 205, 161
RGB Percent	97%, 80%, 63%
CMY	0.0273, 0.1961, 0.3687
CMYK	0.00, 0.17, 0.35, 0.03
HSL	30°, 86%, 80%
HSV	30°, 35%, 97%
XYZ	66.9849, 66.1923, 42.9598
YIQ	212.8410, 39.7520, -4.5680

Conversions

Conversions Part 2

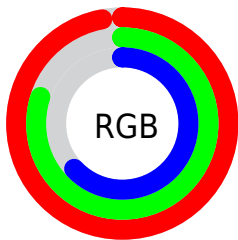
Format	Color
RYB	246, 248, 161
Decimal	16305569
CIELab	85.09, 9.20, 27.61
CIELCh	85, 29.105, 71.566
Yxy	66.1923, 0.3803, 0.3758
Android (android.graphics.Color)	4294495649 (0xFFF8CDA1)
YUV	212.8410, -25.5576, 30.8344
Hunter-Lab	81.3587, 4.5865, 25.6441

Details

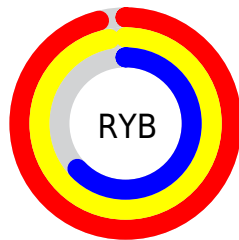
The Yxy color **66.1923, 0.3803, 0.3758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.5594, 0.2561, 0.2768**, and the grayscale version is **66.5852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **34.1845, 0.3963, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **59.7656, 0.4050, 0.3892**, and if you desaturate by 10%, it is **73.2589, 0.3580, 0.3620**.

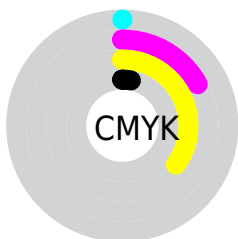
Distribution



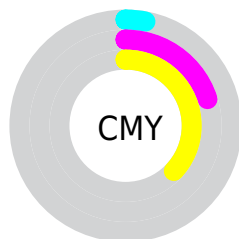
- Red (97%)
- Green (80%)
- Blue (63%)



- Red (96%)
- Yellow (97%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1923, 0.3803, 0.3758 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 66.1923, 0.3803, 0.3758 by changing the saturation by 10% instead.


 66.1923, 0.3803,
0.3758


 66.1923, 0.3803,
0.3758


447.0643, 0.3485,
0.3546

 48.4285, 0.3876,
0.3804


 113.7623, 0.3692,
0.3686

 34.1664, 0.3967,
0.3861


 144.3373, 0.3649,
0.3657

 23.0214, 0.4081,
0.3929


179.9515, 0.3612,
0.3633

 14.6093, 0.4230,
0.4014

220.9893, 0.3580,
0.3611

 8.5457, 0.4428,
0.4120

267.8351, 0.3552,
0.3592

 4.4460, 0.4700,
0.4248

320.8732, 0.3527,

 1.9261, 0.5370,

0.3575

0.4630

380.4882, 0.3504,
0.3560

0.5640, 0.5743,
0.4257

0.0000, 0.0000,
0.0000

66.1923, 0.3803,
0.3758

66.1923, 0.3803,
0.3758

59.7656, 0.4050,
0.3892

73.2589, 0.3580,
0.3620

53.9485, 0.4315,
0.4012

80.9756, 0.3382,
0.3484

48.7221, 0.4591,
0.4106

89.3641, 0.3207,
0.3354

44.0620, 0.4862,
0.4163

98.1023, 0.3085,
0.3281

■ 39.9416, 0.5113,
0.4169

■ 98.7033, 0.3084,
0.3290

■ 36.3300, 0.5326,
0.4120

■ 34.7269, 0.5418,
0.4080

Harmonies

Analogous

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



66.1923, 0.3839, 0.3489



66.1923, 0.3803, 0.3758



66.1923, 0.3580, 0.3922

Triad

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



66.1923, 0.3803, 0.3758



66.1923, 0.2605, 0.3358



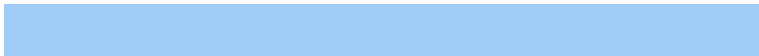
66.1923, 0.2980, 0.2753

Complementary

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



66.1923, 0.3803, 0.3758



57.5594, 0.2561, 0.2768

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.



66.1923, 0.2670, 0.2699



66.1923, 0.3803, 0.3758



66.1923, 0.2464, 0.3024

Square

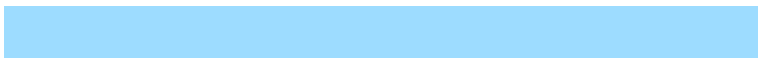
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1923, 0.3803, 0.3758



66.1923, 0.2886, 0.3695



66.1923, 0.2487, 0.2790



66.1923, 0.3348, 0.2930

Rectangle

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



66.1923, 0.3803, 0.3758



66.1923, 0.3361, 0.3935



66.1923, 0.2487, 0.2790



66.1923, 0.2866, 0.2720

Sweetspot

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



66.1954, 0.3803, 0.3758



89.7902, 0.3308, 0.3430



49.8348, 0.3546, 0.2831



18.9626, 0.3332, 0.3448



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.



66.1954, 0.3803, 0.3758



65.6537, 0.3972, 0.3852



89.6941, 0.3657, 0.4166



18.6755, 0.3281, 0.3410



19.0346, 0.5393, 0.4100



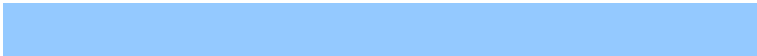
1.9751, 0.5211, 0.4244

Inverse Universe

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



57.5594, 0.2561, 0.2768



55.2157, 0.2446, 0.2643



39.8431, 0.2488, 0.2233



18.0607, 0.2980, 0.3167



11.5451, 0.1766, 0.1557



1.2811, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 66.1923, 0.3803, 0.3758 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 66.1923, 0.3803, 0.3758 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 66.1923, 0.3803, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 66.1923, 0.3803, 0.3758.



This preview shows how white text looks on a background with the Yxy color 66.1923, 0.3803, 0.3758.

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

66.1923, 0.3803, 0.3758

Protanopia

66.0982, 0.3587, 0.3829

Deuteranopia

66.0829, 0.3823, 0.3745



Tritanopia

66.2631, 0.3460, 0.3137

Trichromacy



Original Color

66.1923, 0.3803, 0.3758

Protanomaly

65.9074, 0.3668, 0.3797

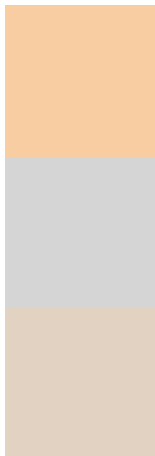
Deuteranomaly

65.8987, 0.3814, 0.3747

Tritanomaly

66.3638, 0.3588, 0.3364

Monochromacy



Original Color

66.1923, 0.3803, 0.3758

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1570, 0.3363, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1923, 0.3803, 0.3758 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(248, 205, 161)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 161)  
}
```

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(248, 205, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 161) }
```

Border

The CSS property to change the border of an element to Yxy 66.1923, 0.3803, 0.3758 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(248, 205, 161) }
```

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

```
.border{ border-color:rgb(248, 205, 161) }
```

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

Here you see how a box with a 4 pixel rgb(248, 205, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 161);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1923, 0.3803, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 161) }
```

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

```
.background{ background-color: rgb(248,  
205, 161) }
```

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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