

Converting Colors

Yxy(50.8636, 0.4221, 0.3814)

Have a look what the booklet for
Yxy(50.8636, 0.4221, 0.3814)
contains.

| | |
|---|----|
| Yxy(50.7803, 0.4223, 0.3809) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.7803, 0.4223, 0.3809)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5AD7D |
| RGB | 245, 173, 125 |
| RGB Percent | 96%, 68%, 49% |
| CMY | 0.0392, 0.3215, 0.5098 |
| CMYK | 0.00, 0.29, 0.49, 0.04 |
| HSL | 24°, 86%, 73% |
| HSV | 24°, 49%, 96% |
| XYZ | 56.2996, 50.7803, 26.2367 |
| YIQ | 189.0560, 58.3200, 0.3360 |

Conversions

Conversions Part 2

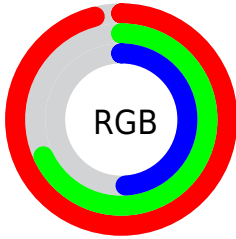
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 205, 125 |
| Decimal | 16100733 |
| CIE Lab | 76.55, 21.01, 35.11 |
| CIE LCh | 77, 40.912, 59.103 |
| Yxy | 50.7803, 0.4223, 0.3809 |
| Android (android.graphics.Color) | 4294290813 (0xFFF5AD7D) |
| YUV | 189.0560, -31.5796, 49.0629 |
| Hunter-Lab | 71.2603, 16.3194, 28.0527 |

Details

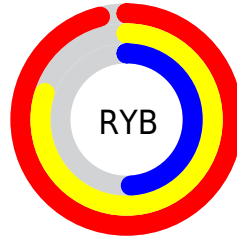
The Yxy color **50.7803, 0.4223, 0.3809** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.8782, 0.2368, 0.2683**, and the grayscale version is **51.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5130, 0.3656, 0.3809**, and **24.3800, 0.4518, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **44.9015, 0.4534, 0.3896**, and if you desaturate by 10%, it is **57.4386, 0.3938, 0.3706**.

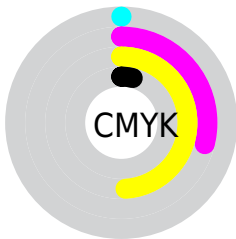
Distribution



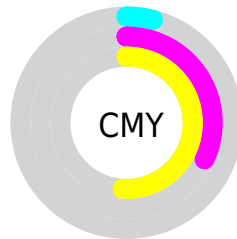
- Red (96%)
- Green (68%)
- Blue (49%)



- Red (96%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7803, 0.4223, 0.3809 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 50.7803, 0.4223, 0.3809 by changing the saturation by 10% instead.


 50.7803, 0.4223,
0.3809


 50.7803, 0.4223,
0.3809


389.7096, 0.3684,
0.3581


 36.0338, 0.4351,
0.3854


 91.3299, 0.4031,
0.3735

 24.4603, 0.4512,
0.3906


 117.9019, 0.3958,
0.3704

 15.6754, 0.4716,
0.3961


 149.1844, 0.3895,
0.3677

 9.2948, 0.4980,
0.4015

185.5619, 0.3841,
0.3654

 4.9339, 0.5334,
0.4053

227.4187, 0.3794,
0.3632

 2.2086, 0.5909,
0.4091

275.1394, 0.3753,

 0.7247, 0.6340,

0.3614

0.3660

329.1082, 0.3716,
0.3597

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7803, 0.4223,
0.3809

50.7803, 0.4223,
0.3809

44.9015, 0.4534,
0.3896

57.4386, 0.3938,
0.3706

39.7632, 0.4859,
0.3954


64.8982, 0.3685,
0.3596


35.3336, 0.5179,
0.3969


73.1896, 0.3465,
0.3486


31.5748, 0.5467,
0.3933

82.3389, 0.3275,
0.3380

 28.4398, 0.5703,
0.3845

 92.3712, 0.3112,
0.3280

 28.1502, 0.5726,
0.3836

 98.1511, 0.3066,
0.3290

Harmonies

Analogous

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



50.7803, 0.4154, 0.3379



50.7803, 0.4223, 0.3809



50.7803, 0.3975, 0.4162

Triad

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



50.7803, 0.4223, 0.3809



50.7803, 0.2487, 0.3620



50.7803, 0.2685, 0.2441

Complementary

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



50.7803, 0.4223, 0.3809



50.8782, 0.2368, 0.2683

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.



50.7803, 0.2304, 0.2436



50.7803, 0.4223, 0.3809



50.7803, 0.2196, 0.3062

Square

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



50.7803, 0.4223, 0.3809



50.7803, 0.2962, 0.4109



50.7803, 0.2135, 0.2642



50.7803, 0.3220, 0.2630

Rectangle

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



50.7803, 0.4223, 0.3809



50.7803, 0.3680, 0.4289



50.7803, 0.2135, 0.2642



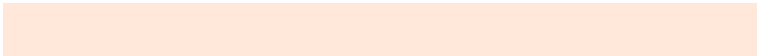
50.7803, 0.2537, 0.2417

Sweetspot

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



50.7828, 0.4223, 0.3809



84.0001, 0.3386, 0.3443



38.1101, 0.3660, 0.2533



17.5355, 0.3428, 0.3466



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.



50.7828, 0.4223, 0.3809



49.0887, 0.4539, 0.3897



79.1660, 0.3903, 0.4383



17.5706, 0.3284, 0.3385



15.4194, 0.5697, 0.3858



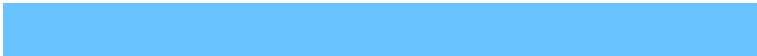
1.5506, 0.5468, 0.4040

Inverse Universe

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



50.8782, 0.2368, 0.2683



49.1394, 0.2229, 0.2530



28.8442, 0.2216, 0.1887



17.5804, 0.2980, 0.3193



15.0678, 0.1867, 0.1922



1.5251, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 50.7803, 0.4223, 0.3809 looks on a white background.

Color Contrast Check

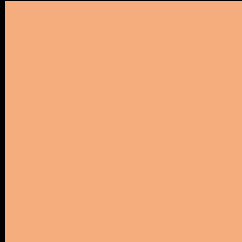
Large Text (above 18pt) WCAG AA × Fail

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 50.7803, 0.4223, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

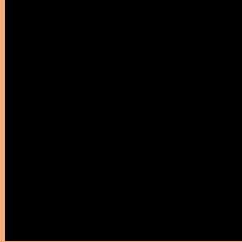
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7803, 0.4223, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 50.7803, 0.4223, 0.3809.



This preview shows how white text looks on a background with the Yxy color 50.7803, 0.4223, 0.3809.

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

50.7803, 0.4223, 0.3809

Protanopia

50.8985, 0.3712, 0.3997

Deuteranopia

50.8087, 0.4032, 0.3957



Tritanopia

50.8511, 0.3794, 0.3153

Trichromacy



Original Color

50.7803, 0.4223, 0.3809

Protanomaly

50.5120, 0.3900, 0.3931

Deuteranomaly

50.7885, 0.4104, 0.3897

Tritanomaly

50.8356, 0.3957, 0.3401

Monochromacy



Original Color

50.7803, 0.4223, 0.3809

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1755, 0.3494, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7803, 0.4223, 0.3809 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(245, 173, 125)` looks like.

```
.text, #text, p{  
    color:rgb(245, 173, 125)  
}
```

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(245, 173, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 173, 125) }
```

Border

The CSS property to change the border of an element to Yxy 50.7803, 0.4223, 0.3809 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(245, 173, 125) }
```

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

```
.border{ border-color:rgb(245, 173, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 173, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 173, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 173, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 173,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7803, 0.4223, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 173, 125) }
```

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

```
.background{ background-color: rgb(245,  
173, 125) }
```

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