

Converting Colors

$Yxy(55.9928, 0.3981, 0.3720)$

Have a look what the booklet for
Yxy(55.9928, 0.3981, 0.3720)
contains.

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Color

Yxy(55.9754, 0.3980, 0.3727)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4B991 |
| RGB | 244, 185, 145 |
| RGB Percent | 96%, 73%, 57% |
| CMY | 0.0430, 0.2745, 0.4314 |
| CMYK | 0.00, 0.24, 0.41, 0.04 |
| HSL | 24°, 82%, 76% |
| HSV | 24°, 41%, 96% |
| XYZ | 59.7752, 55.9754, 34.4383 |
| YIQ | 198.0810, 48.0040, 0.0680 |

Conversions

Conversions Part 2

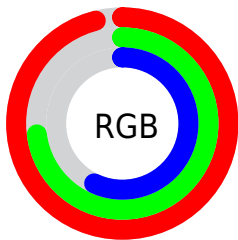
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 244, 212, 145 |
| Decimal | 16038289 |
| CIE Lab | 79.60, 16.31, 28.56 |
| CIE LCh | 80, 32.891, 60.265 |
| Yxy | 55.9754, 0.3980, 0.3727 |
| Android (android.graphics.Color) | 4294228369 (0xFFFF4B991) |
| YUV | 198.0810, -26.1689, 40.2710 |
| Hunter-Lab | 74.8167, 11.6842, 25.0804 |

Details

The Yxy color **55.9754, 0.3980, 0.3727** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7517, 0.2491, 0.2800**, and the grayscale version is **56.6662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2941, 0.3488, 0.3710**, and **27.7498, 0.4204, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **49.5265, 0.4268, 0.3829**, and if you desaturate by 10%, it is **63.2140, 0.3723, 0.3617**.

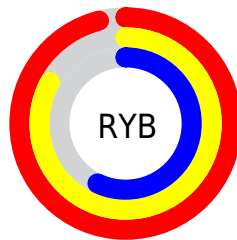
Distribution



Red (96%)

Green (73%)

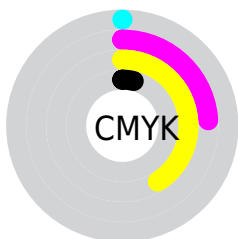
Blue (57%)



Red (96%)

Yellow (83%)

Blue (57%)

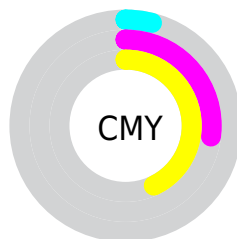


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (4%)



Cyan (4%)


Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9754, 0.3980, 0.3727 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 55.9754, 0.3980, 0.3727 by changing the saturation by 10% instead.

 55.9754, 0.3980,
0.3727

 55.9754, 0.3980,
0.3727


409.5988, 0.3565,
0.3531

 40.1832, 0.4079,
0.3769


 98.9686, 0.3833,
0.3661

 27.6814, 0.4202,
0.3818


 126.9384, 0.3776,
0.3635

 18.0856, 0.4360,
0.3877


159.7362, 0.3728,
0.3612

 11.0115, 0.4569,
0.3945

197.7464, 0.3687,
0.3591

 6.0746, 0.4852,
0.4019

241.3533, 0.3651,
0.3574

 2.8905, 0.5332,
0.4143

290.9414, 0.3619,

 1.0748, 0.5897,

0.3558

0.4103

346.8951, 0.3590,
0.3543

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9754, 0.3980,
0.3727

55.9754, 0.3980,
0.3727

49.5265, 0.4268,
0.3829

63.2140, 0.3723,
0.3617

43.8302, 0.4581,
0.3913

71.2617, 0.3498,
0.3505

38.8581, 0.4905,
0.3966

80.1471, 0.3303,
0.3398

34.5760, 0.5219,
0.3975

89.8947, 0.3136,
0.3296

■ 30.9464, 0.5498,
0.3930

■ 97.9784, 0.3060,
0.3290

■ 28.0799, 0.5715,
0.3844

Harmonies

Analogous

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



55.9754, 0.3931, 0.3386



55.9754, 0.3980, 0.3727



55.9754, 0.3786, 0.3987

Triad

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



55.9754, 0.3980, 0.3727



55.9754, 0.2615, 0.3531



55.9754, 0.2798, 0.2615

Complementary

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



55.9754, 0.3980, 0.3727



55.7517, 0.2491, 0.2800

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.



55.9754, 0.2484, 0.2610



55.9754, 0.3980, 0.3727



55.9754, 0.2383, 0.3107

Square

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



55.9754, 0.3980, 0.3727



55.9754, 0.2990, 0.3902



55.9754, 0.2339, 0.2777



55.9754, 0.3222, 0.2772

Rectangle

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



55.9754, 0.3980, 0.3727



55.9754, 0.3554, 0.4068



55.9754, 0.2339, 0.2777



55.9754, 0.2677, 0.2595

Sweetspot

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



55.9781, 0.3980, 0.3727



87.0927, 0.3329, 0.3413



43.8666, 0.3538, 0.2658



18.3586, 0.3354, 0.3427



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.



55.9781, 0.3980, 0.3727



55.7251, 0.4224, 0.3815



80.1999, 0.3772, 0.4209



17.5813, 0.3283, 0.3386



15.5155, 0.5686, 0.3867



1.5597, 0.5459, 0.4048

Inverse Universe

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



55.7517, 0.2491, 0.2800



55.4089, 0.2365, 0.2675



35.9608, 0.2390, 0.2165



17.5695, 0.2980, 0.3192



14.9124, 0.1864, 0.1909



1.5119, 0.1917, 0.2099

Previews

White Background



This preview shows how the Yxy color 55.9754, 0.3980, 0.3727 looks on a white background.

Color Contrast Check

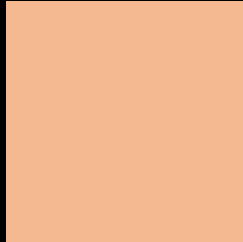
Large Text (above 18pt) WCAG AA × Fail

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 55.9754, 0.3980, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

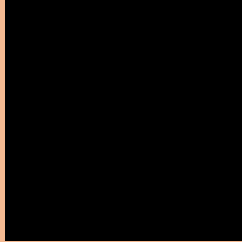
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9754, 0.3980, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 55.9754, 0.3980, 0.3727.



This preview shows how white text looks on a background with the Yxy color 55.9754, 0.3980, 0.3727.

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

55.9754, 0.3980, 0.3727

Protanopia

55.9834, 0.3604, 0.3855

Deuteranopia

55.9012, 0.3883, 0.3797



Tritanopia

56.1857, 0.3631, 0.3153

Trichromacy



Original Color

55.9754, 0.3980, 0.3727

Protanomaly

55.9660, 0.3738, 0.3814

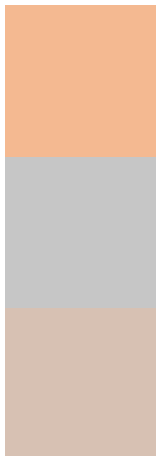
Deuteranomaly

56.1572, 0.3922, 0.3779

Tritanomaly

55.9170, 0.3759, 0.3357

Monochromacy



Original Color

55.9754, 0.3980, 0.3727

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8417, 0.3418, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9754, 0.3980, 0.3727 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(244, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(244, 185, 145)  
}
```

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(244, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 185, 145) }
```

Border

The CSS property to change the border of an element to Yxy 55.9754, 0.3980, 0.3727 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(244, 185, 145) }
```

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

```
.border{ border-color:rgb(244, 185, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 185, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(244, 185,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9754, 0.3980, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 185, 145) }
```

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

```
.background{ background-color: rgb(244,  
185, 145) }
```

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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