

Converting Colors

$Yxy(59.7544, 0.3912, 0.3756)$

Have a look what the booklet for
Yxy(59.7544, 0.3912, 0.3756)
contains.

| | |
|---|----|
| Yxy(59.7544, 0.3912, 0.3756) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(59.7544, 0.3912, 0.3756)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F5C196 |
| RGB | 245, 193, 150 |
| RGB Percent | 96%, 76%, 59% |
| CMY | 0.0391, 0.2431, 0.4118 |
| CMYK | 0.00, 0.21, 0.39, 0.04 |
| HSL | 27°, 83%, 77% |
| HSV | 27°, 39%, 96% |
| XYZ | 62.2362, 59.7544, 37.0999 |
| YIQ | 203.6460, 44.7950, -2.3490 |

Conversions

Conversions Part 2

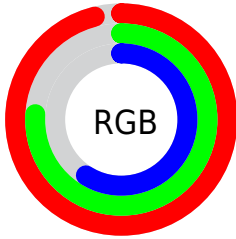
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 229, 150 |
| Decimal | 16105878 |
| CIE Lab | 81.70, 13.04, 28.77 |
| CIE LCh | 82, 31.584, 65.611 |
| Yxy | 59.7544, 0.3912, 0.3756 |
| Android (android.graphics.Color) | 4294295958 (0xFFFF5C196) |
| YUV | 203.6460, -26.4475, 36.2675 |
| Hunter-Lab | 77.3010, 8.4364, 25.6550 |

Details

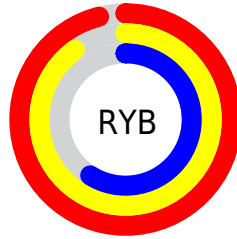
The Yxy color **59.7544, 0.3912, 0.3756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3220, 0.2510, 0.2767**, and the grayscale version is **60.2991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3710, 0.3441, 0.3735**, and **29.9309, 0.4110, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **53.3850, 0.4181, 0.3873**, and if you desaturate by 10%, it is **66.8324, 0.3670, 0.3632**.

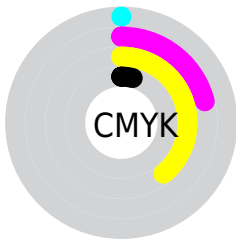
Distribution



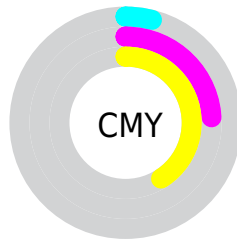
- Red (96%)
- Green (76%)
- Blue (59%)



- Red (96%)
- Yellow (90%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7544, 0.3912, 0.3756 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 59.7544, 0.3912, 0.3756 by changing the saturation by 10% instead.


 59.7544, 0.3912,
0.3756

 59.7544, 0.3912,
0.3756


423.6919, 0.3535,
0.3545

 43.2207, 0.4000,
0.3802


 104.4733, 0.3779,
0.3685

 30.0583, 0.4110,
0.3856


 133.4273, 0.3728,
0.3656

 19.8829, 0.4250,
0.3922


167.2902, 0.3684,
0.3632

 12.3099, 0.4433,
0.4001

206.4464, 0.3646,
0.3610

 6.9551, 0.4680,
0.4094

251.2803, 0.3613,
0.3591

 3.4340, 0.5046,
0.4212

302.1762, 0.3584,

 1.3623, 0.5647,

0.3574

0.4353

359.5186, 0.3558,
0.3559

0.1887, 0.7251,
0.2749

0.0000, 0.0000,
0.0000

59.7544, 0.3912,
0.3756

59.7544, 0.3912,
0.3756

53.3850, 0.4181,
0.3873

66.8324, 0.3670,
0.3632

47.6910, 0.4471,
0.3972

74.6336, 0.3456,
0.3509

42.6490, 0.4772,
0.4043

83.1827, 0.3270,
0.3389

38.2302, 0.5065,
0.4071

92.5008, 0.3109,
0.3277

■ 34.4029, 0.5329,
0.4045

■ 98.1568, 0.3066,
0.3290

■ 31.1269, 0.5548,
0.3967

■ 30.7629, 0.5574,
0.3956

Harmonies

Analogous

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



59.7544, 0.3908, 0.3442



59.7544, 0.3912, 0.3756



59.7544, 0.3696, 0.3975

Triad

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



59.7544, 0.3912, 0.3756



59.7544, 0.2594, 0.3445



59.7544, 0.2884, 0.2669

Complementary

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



59.7544, 0.3912, 0.3756



55.3220, 0.2510, 0.2767

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.



59.7544, 0.2563, 0.2638



59.7544, 0.3912, 0.3756



59.7544, 0.2405, 0.3055

Square

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



59.7544, 0.3912, 0.3756



59.7544, 0.2930, 0.3811



59.7544, 0.2394, 0.2768



59.7544, 0.3292, 0.2840

Rectangle

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



59.7544, 0.3912, 0.3756



59.7544, 0.3464, 0.4023



59.7544, 0.2394, 0.2768



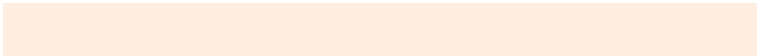
59.7544, 0.2763, 0.2642

Sweetspot

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



59.7572, 0.3912, 0.3756



87.9579, 0.3328, 0.3427



45.5005, 0.3560, 0.2734



18.5618, 0.3351, 0.3443



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.



59.7572, 0.3912, 0.3756



59.5780, 0.4134, 0.3854



84.0987, 0.3727, 0.4212



17.7178, 0.3282, 0.3397



16.8374, 0.5546, 0.3978



1.6823, 0.5335, 0.4146

Inverse Universe

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



55.3220, 0.2510, 0.2767



54.0434, 0.2381, 0.2631



36.4312, 0.2418, 0.2163



17.4304, 0.2980, 0.3180



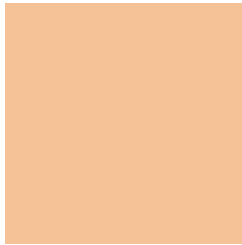
13.0347, 0.1816, 0.1738



1.3509, 0.1875, 0.1948

Previews

White Background



This preview shows how the Yxy color 59.7544, 0.3912, 0.3756 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 59.7544, 0.3912, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

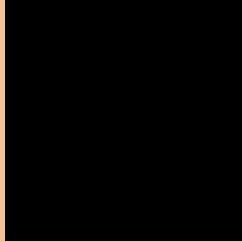
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7544, 0.3912, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 59.7544, 0.3912, 0.3756.



This preview shows how white text looks on a background with the Yxy color 59.7544, 0.3912, 0.3756.

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

59.7544, 0.3912, 0.3756

Protanopia

59.7967, 0.3606, 0.3864

Deuteranopia

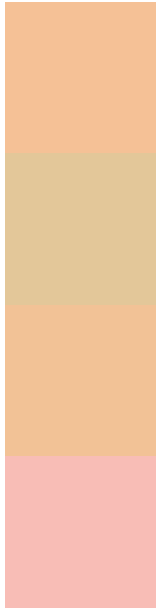
59.7575, 0.3861, 0.3785



Tritanopia

59.6119, 0.3555, 0.3144

Trichromacy



Original Color

59.7544, 0.3912, 0.3756

Protanomaly

59.4776, 0.3711, 0.3815

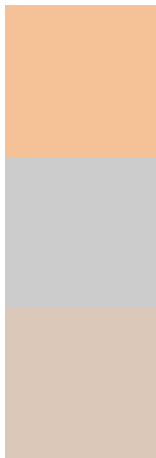
Deuteranomaly

59.6628, 0.3882, 0.3771

Tritanomaly

59.7290, 0.3683, 0.3366

Monochromacy



Original Color

59.7544, 0.3912, 0.3756

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8293, 0.3399, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7544, 0.3912, 0.3756 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, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(245, 193, 150)  
}
```

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, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 193, 150) }
```

Border

The CSS property to change the border of an element to Yxy 59.7544, 0.3912, 0.3756 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, 193, 150) }
```

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

```
.border{ border-color:rgb(245, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(245, 193,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7544, 0.3912, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 193, 150) }
```

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

```
.background{ background-color: rgb(245,  
193, 150) }
```

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