

# Converting Colors

$Y_{xy}(59.3784, 0.4202, 0.3961)$

Have a look what the booklet for  
Yxy(59.3784, 0.4202, 0.3961)  
contains.

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# Color

**Yxy(59.3784, 0.4202, 0.3961)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEBE7D
RGB	254, 190, 125
RGB Percent	100%, 75%, 49%
CMY	0.0039, 0.2549, 0.5099
CMYK	0.00, 0.25, 0.51, 0.00
HSL	30°, 98%, 74%
HSV	30°, 51%, 100%
XYZ	62.9912, 59.3784, 27.5380
YIQ	201.7260, 59.0090, -6.6470

# Conversions

## Conversions Part 2

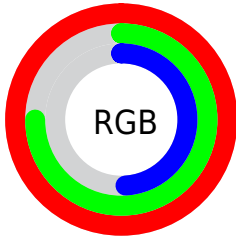
Format	Color
R <sub>Y</sub> B	252, 254, 125
Decimal	16694909
CIE Lab	81.50, 15.68, 41.62
CIE LCh	81, 44.476, 69.363
Yxy	59.3784, 0.4202, 0.3961
Android (android.graphics.Color)	4294884989 (0xFFFE7D)
YUV	201.7260, -37.8259, 45.8443
Hunter-Lab	77.0574, 11.0658, 32.7517

# Details

The Yxy color **59.3784, 0.4202, 0.3961** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.9102, 0.2306, 0.2481**, and the grayscale version is **59.0970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4262, 0.3603, 0.3957**, and **29.9878, 0.4464, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **53.5878, 0.4476, 0.4068**, and if you desaturate by 10%, it is **65.8127, 0.3943, 0.3834**.

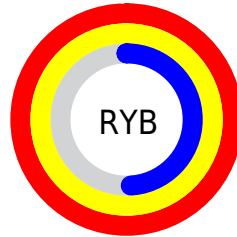
# Distribution



Red (100%)

Green (75%)

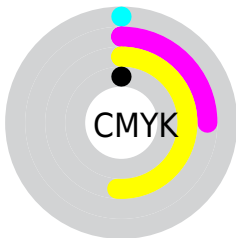
Blue (49%)



Red (99%)

Yellow (100%)

Blue (49%)

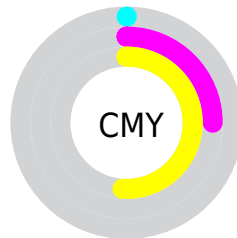


Cyan (0%)

Magenta (25%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3784, 0.4202, 0.3961 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 59.3784, 0.4202, 0.3961 by changing the saturation by 10% instead.



 59.3784, 0.4202,  
0.3961

 59.3784, 0.4202,  
0.3961


422.3028, 0.3692,  
0.3667

 42.9178, 0.4318,  
0.4020


 103.9274, 0.4025,  
0.3865

 29.8206, 0.4459,  
0.4088


 132.7847, 0.3956,  
0.3825

 19.7025, 0.4633,  
0.4165


 166.5429, 0.3896,  
0.3791

 12.1790, 0.4851,  
0.4246

205.5865, 0.3845,  
0.3760

 6.8657, 0.5123,  
0.4319

250.2999, 0.3800,  
0.3733

 3.3782, 0.5565,  
0.4435

301.0675, 0.3760,

 1.3322, 0.5798,

0.3709

0.4202

358.2736, 0.3724,  
0.3687

0.1660, 0.7650,  
0.2350

0.0000, 0.0000,  
0.0000

59.3784, 0.4202,  
0.3961

59.3784, 0.4202,  
0.3961

53.5878, 0.4476,  
0.4068

65.8127, 0.3943,  
0.3834

48.4076, 0.4752,  
0.4142

72.9052, 0.3705,  
0.3698

43.8133, 0.5015,  
0.4170

80.6803, 0.3492,  
0.3561

39.7744, 0.5246,  
0.4144

89.1584, 0.3304,  
0.3427

36.5102, 0.5424,  
0.4075

98.3589, 0.3139,  
0.3300

99.8134, 0.3121,  
0.3290

# Harmonies

## Analogous

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



59.3784, 0.4251, 0.3532



59.3784, 0.4202, 0.3961



59.3784, 0.3853, 0.4271

# Triad

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



59.3784, 0.4202, 0.3961



59.3784, 0.2339, 0.3427



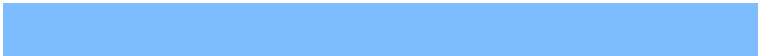
59.3784, 0.2846, 0.2464

# Complementary

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



59.3784, 0.4202, 0.3961



47.9102, 0.2306, 0.2481

# 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.



59.3784, 0.2391, 0.2390



59.3784, 0.4202, 0.3961



59.3784, 0.2120, 0.2882

# Square

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



59.3784, 0.4202, 0.3961



59.3784, 0.2773, 0.3989



59.3784, 0.2140, 0.2524



59.3784, 0.3425, 0.2714



# Rectangle

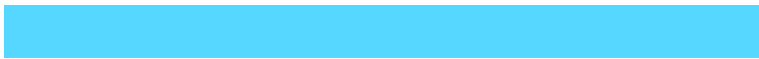
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3784, 0.4202, 0.3961



59.3784, 0.3513, 0.4337



59.3784, 0.2140, 0.2524



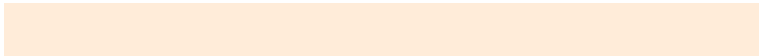
59.3784, 0.2675, 0.2418

# Sweetspot

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



59.3813, 0.4202, 0.3961



86.2613, 0.3380, 0.3482



39.4331, 0.3833, 0.2631



18.0783, 0.3420, 0.3511



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.



59.3813, 0.4202, 0.3961



53.9425, 0.4482, 0.4070



93.4460, 0.3872, 0.4521



19.4998, 0.3282, 0.3410



19.5419, 0.5399, 0.4095

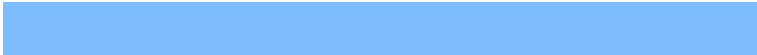


2.1213, 0.5225, 0.4233

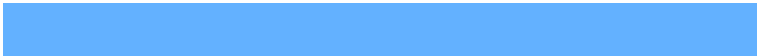


# Inverse Universe

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



47.9102, 0.2306, 0.2481



41.1926, 0.2154, 0.2281



26.1794, 0.2146, 0.1668



18.8664, 0.2979, 0.3167



11.9357, 0.1767, 0.1561



1.3804, 0.1824, 0.1767



# Previews

## White Background



This preview shows how the Yxy color 59.3784, 0.4202, 0.3961 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 59.3784, 0.4202, 0.3961 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 59.3784, 0.4202, 0.3961**

## Background



This preview shows how black text looks on a background with the Yxy color 59.3784, 0.4202, 0.3961.



This preview shows how white text looks on a background with the Yxy color 59.3784, 0.4202, 0.3961.

# 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

59.3784, 0.4202, 0.3961

### Protanopia

59.6957, 0.3817, 0.4127

### Deuteranopia

59.6316, 0.4119, 0.4031



## Tritanopia

59.5265, 0.3636, 0.3167

# Trichromacy



**Original Color**

59.3784, 0.4202, 0.3961

**Protanomaly**

59.2703, 0.3957, 0.4066

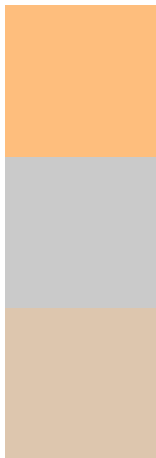
**Deuteranomaly**

59.7349, 0.4150, 0.4013

**Tritanomaly**

59.2801, 0.3855, 0.3460

# Monochromacy



**Original Color**

59.3784, 0.4202, 0.3961

**Achromatopsia**

59.0619, 0.3127, 0.3290

**Achromatomaly**

58.8163, 0.3498, 0.3568

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.3784, 0.4202, 0.3961 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(254, 190, 125)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 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(254, 190, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 59.3784, 0.4202, 0.3961 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(254, 190, 125) }
```

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

```
.border{ border-color:rgb(254, 190, 125) }
```

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

Here you see how a box with a 4 pixel rgb(254, 190, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 125);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
125) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.3784, 0.4202, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 125) }
```

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

```
.background{ background-color: rgb(254,  
190, 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](#).

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