

# Converting Colors

Yxy(57.0376, 0.4112, 0.3993)

Have a look what the booklet for  
Yxy(57.0376, 0.4112, 0.3993)  
contains.

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# Color

**Yxy(57.1594, 0.4107, 0.4002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BE7C
RGB	242, 190, 124
RGB Percent	95%, 75%, 49%
CMY	0.0511, 0.2548, 0.5137
CMYK	0.00, 0.21, 0.49, 0.05
HSL	34°, 82%, 72%
HSV	34°, 49%, 95%
XYZ	58.6591, 57.1594, 27.0086
YIQ	198.0240, 52.1780, -9.5020

# Conversions

## Conversions Part 2

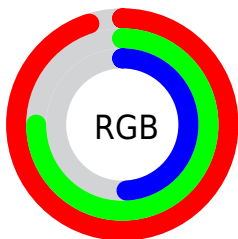
Format	Color
<a href="#">RYB</a>	<a href="#">217, 242, 124</a>
Decimal	<a href="#">15908476</a>
CIELab	<a href="#">80.27, 10.75, 40.32</a>
CIElCh	<a href="#">80, 41.725, 75.076</a>
Yxy	<a href="#">57.1594, 0.4107, 0.4002</a>
Android (android.graphics.Color)	<a href="#">4294098556</a> ( <a href="#">0xFFFF2BE7C</a> )
YUV	<a href="#">198.0240, -36.4938, 38.5670</a>
Hunter-Lab	<a href="#">75.6038, 6.1869, 31.7420</a>

# Details

The Yxy color **57.1594, 0.4107, 0.4002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.7183, 0.2323, 0.2433**, and the grayscale version is **56.6895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3459, 0.3615, 0.3977**, and **28.4530, 0.4333, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **52.1750, 0.4357, 0.4127**, and if you desaturate by 10%, it is **62.6368, 0.3868, 0.3860**.

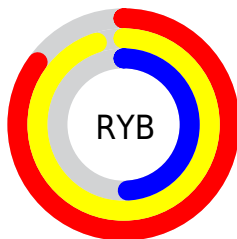
# Distribution



Red (95%)

Green (75%)

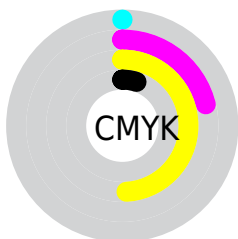
Blue (49%)



Red (85%)

Yellow (95%)

Blue (49%)

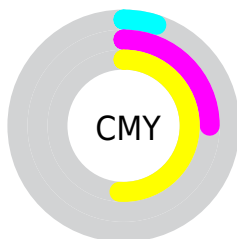


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (5%)



Cyan (5%)

Magenta (25%)


Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1594, 0.4107, 0.4002 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 57.1594, 0.4107, 0.4002 by changing the saturation by 10% instead.




 57.1594, 0.4107,  
0.4002

 57.1594, 0.4107,  
0.4002


414.0463, 0.3640,  
0.3680


 41.1332, 0.4214,  
0.4070


 100.6977, 0.3944,  
0.3894

 28.4232, 0.4344,  
0.4150


 128.9787, 0.3881,  
0.3851

 18.6449, 0.4505,  
0.4243


 162.1134, 0.3827,  
0.3813

 11.4140, 0.4707,  
0.4348

200.4862, 0.3780,  
0.3780

 6.3460, 0.4959,  
0.4458

244.4815, 0.3738,  
0.3751

 3.0566, 0.5371,  
0.4629

294.4837, 0.3702,

 1.1614, 0.5551,

0.3725

0.4449

350.8771, 0.3669,  
0.3701

0.0298, 0.9070,  
0.0930

0.0000, 0.0000,  
0.0000

57.1594, 0.4107,  
0.4002

57.1594, 0.4107,  
0.4002

52.1750, 0.4357,  
0.4127

62.6368, 0.3868,  
0.3860

47.6571, 0.4608,  
0.4221

68.6159, 0.3647,  
0.3709


43.5882, 0.4847,  
0.4272


75.1155, 0.3446,  
0.3558

39.9456, 0.5058,  
0.4272


82.1505, 0.3267,  
0.3412

 36.6992, 0.5233,  
0.4218

 89.7353, 0.3108,  
0.3273

 36.3179, 0.5254,  
0.4210

 96.9366, 0.3047,  
0.3279

 97.6101, 0.3047,  
0.3290

# Harmonies

## Analogous

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



57.1594, 0.4212, 0.3607



57.1594, 0.4107, 0.4002



57.1594, 0.3734, 0.4254

# Triad

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



57.1594, 0.4107, 0.4002



57.1594, 0.2319, 0.3315



57.1594, 0.2961, 0.2534

# Complementary

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



57.1594, 0.4107, 0.4002



41.7183, 0.2323, 0.2433

# 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.



57.1594, 0.2495, 0.2429



57.1594, 0.4107, 0.4002



57.1594, 0.2151, 0.2823

# Square

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



57.1594, 0.4107, 0.4002



57.1594, 0.2700, 0.3861



57.1594, 0.2213, 0.2519



57.1594, 0.3517, 0.2801



# Rectangle

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



57.1594, 0.4107, 0.4002



57.1594, 0.3397, 0.4272



57.1594, 0.2213, 0.2519



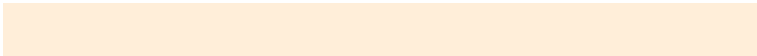
57.1594, 0.2789, 0.2479

# Sweetspot

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



57.1621, 0.4107, 0.4002



87.4985, 0.3377, 0.3503



36.4624, 0.3858, 0.2718



18.3761, 0.3416, 0.3534



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.



57.1621, 0.4107, 0.4002



58.5624, 0.4367, 0.4131



82.7788, 0.3801, 0.4496



17.2265, 0.3279, 0.3422



19.7946, 0.5232, 0.4228

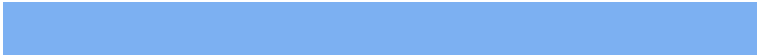


1.8446, 0.5058, 0.4366

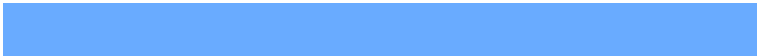


# Inverse Universe

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



41.7183, 0.2323, 0.2433



39.2429, 0.2157, 0.2208



25.5608, 0.2233, 0.1761



16.3740, 0.2980, 0.3154



9.3045, 0.1718, 0.1385



0.9690, 0.1789, 0.1639



# Previews

## White Background



This preview shows how the Yxy color 57.1594, 0.4107, 0.4002 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 57.1594, 0.4107, 0.4002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

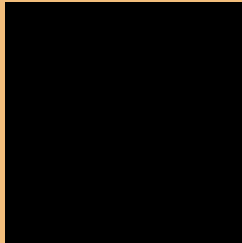
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.1594, 0.4107, 0.4002**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.1594, 0.4107, 0.4002.



This preview shows how white text looks on a background with the Yxy color 57.1594, 0.4107, 0.4002.

# 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

57.1594, 0.4107, 0.4002

### Protanopia

57.1571, 0.3815, 0.4119

### Deuteranopia

56.9829, 0.4099, 0.4004



## Tritanopia

56.9443, 0.3592, 0.3142

## Trichromacy



**Original Color**

57.1594, 0.4107, 0.4002

**Protanomaly**

57.1809, 0.3915, 0.4075

**Deuteranomaly**

56.9829, 0.4099, 0.4004

**Tritanomaly**

56.7384, 0.3793, 0.3454

## Monochromacy



**Original Color**

57.1594, 0.4107, 0.4002

**Achromatopsia**

56.4712, 0.3127, 0.3290

**Achromatomaly**

56.2666, 0.3469, 0.3575

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.1594, 0.4107, 0.4002 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(242, 190, 124)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 124)  
}
```

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(242, 190, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 124) }
```

## Border

The CSS property to change the border of an element to Yxy 57.1594, 0.4107, 0.4002 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(242, 190, 124) }
```

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

```
.border{ border-color:rgb(242, 190, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 124);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
124) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.1594, 0.4107, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 124) }
```

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

```
.background{ background-color: rgb(242,  
190, 124) }
```

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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