

Converting Colors

Yxy(56.5057, 0.4296, 0.3944)

Have a look what the booklet for
Yxy(56.5057, 0.4296, 0.3944)
contains.

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Color

Yxy(56.4589, 0.4299, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	FFB777
RGB	255, 183, 119
RGB Percent	100%, 72%, 47%
CMY	0.0000, 0.2824, 0.5333
CMYK	0.00, 0.28, 0.53, 0.00
HSL	28°, 100%, 73%
HSV	28°, 53%, 100%
XYZ	61.5096, 56.4589, 25.1103
YIQ	197.2320, 63.4560, -4.6400

Conversions

Conversions Part 2

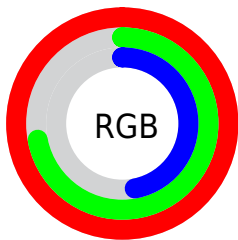
Format	Color
R _Y B	255, 240, 119
Decimal	16758647
CIE Lab	79.87, 19.23, 42.65
CIE LCh	80, 46.789, 65.727
Yxy	56.4589, 0.4299, 0.3946
Android (android.graphics.Color)	4294948727 (0xFFFFB777)
YUV	197.2320, -38.5684, 50.6625
Hunter-Lab	75.1391, 14.6282, 32.7836

Details

The Yxy color **56.4589, 0.4299, 0.3946** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.4091, 0.2279, 0.2491**, and the grayscale version is **56.1895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9716, 0.3667, 0.3963**, and **27.9970, 0.4579, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **50.6198, 0.4589, 0.4038**, and if you desaturate by 10%, it is **62.9940, 0.4024, 0.3831**.

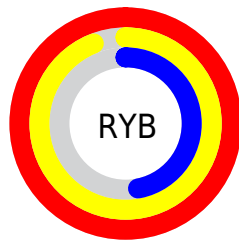
Distribution



Red (100%)

Green (72%)

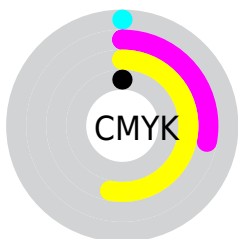
Blue (47%)



Red (100%)

Yellow (94%)

Blue (47%)

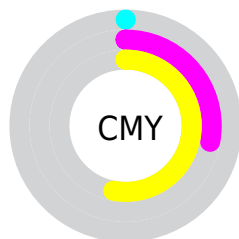


Cyan (0%)

Magenta (28%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4589, 0.4299, 0.3946 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 56.4589, 0.4299, 0.3946 by changing the saturation by 10% instead.


 56.4589, 0.4299,
0.3946

 56.4589, 0.4299,
0.3946


411.4186, 0.3738,
0.3663


 40.5710, 0.4427,
0.4001

 99.6752, 0.4103,
0.3855

 27.9840, 0.4583,
0.4063


 127.7724, 0.4027,
0.3817

 18.3136, 0.4777,
0.4129


 160.7081, 0.3962,
0.3784

 11.1754, 0.5018,
0.4192

198.8668, 0.3906,
0.3754

 6.1849, 0.5330,
0.4245

242.6328, 0.3856,
0.3727

 2.9578, 0.5747,
0.4253

292.3905, 0.3812,

 1.1098, 0.6050,

0.3704

348.5243, 0.3773,
0.3682

0.3950

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4589, 0.4299,
0.3946

56.4589, 0.4299,
0.3946

50.6198, 0.4589,
0.4038

62.9940, 0.4024,
0.3831

45.4522, 0.4880,
0.4094

70.2554, 0.3773,
0.3705

40.9236, 0.5153,
0.4102

78.2665, 0.3548,
0.3576

36.9985, 0.5390,
0.4054

87.0505, 0.3351,
0.3449

■ 34.6894, 0.5524,
0.3996

■ 96.6297, 0.3179,
0.3329

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



56.4589, 0.4310, 0.3484



56.4589, 0.4299, 0.3946



56.4589, 0.3956, 0.4306

Triad

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



56.4589, 0.4299, 0.3946



56.4589, 0.2332, 0.3511



56.4589, 0.2757, 0.2394

Complementary

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



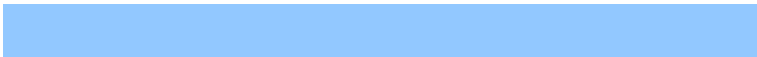
56.4589, 0.4299, 0.3946



48.4091, 0.2279, 0.2491

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.



56.4589, 0.2299, 0.2339



56.4589, 0.4299, 0.3946



56.4589, 0.2072, 0.2912

Square

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



56.4589, 0.4299, 0.3946



56.4589, 0.2813, 0.4104



56.4589, 0.2064, 0.2505



56.4589, 0.3366, 0.2638

Rectangle

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



56.4589, 0.4299, 0.3946



56.4589, 0.3604, 0.4410



56.4589, 0.2064, 0.2505



56.4589, 0.2583, 0.2353

Sweetspot

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



56.4576, 0.4299, 0.3946



84.6285, 0.3401, 0.3482



38.2408, 0.3833, 0.2558



17.7225, 0.3441, 0.3508



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.



56.4576, 0.4299, 0.3946



50.2531, 0.4608, 0.4043



91.2539, 0.3924, 0.4539



19.3965, 0.3282, 0.3402



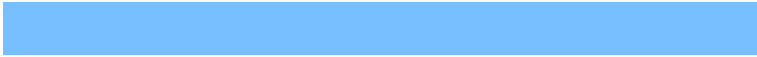
18.4193, 0.5497, 0.4017



2.0100, 0.5310, 0.4166

Inverse Universe

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



48.4091, 0.2279, 0.2491



41.4092, 0.2129, 0.2296



25.4430, 0.2103, 0.1631



18.9701, 0.2979, 0.3175



13.1307, 0.1798, 0.1673



1.4973, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 56.4589, 0.4299, 0.3946 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 56.4589, 0.4299, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

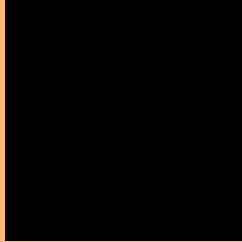
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4589, 0.4299, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 56.4589, 0.4299, 0.3946.



This preview shows how white text looks on a background with the Yxy color 56.4589, 0.4299, 0.3946.

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

56.4589, 0.4299, 0.3946

Protanopia

56.4678, 0.3833, 0.4145

Deuteranopia

56.4040, 0.4150, 0.4054



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.4589, 0.4299, 0.3946

Protanomaly

56.3930, 0.3995, 0.4075

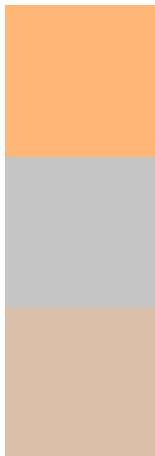
Deuteranomaly

56.4415, 0.4205, 0.4020

Tritanomaly

56.1805, 0.3934, 0.3450

Monochromacy



Original Color

56.4589, 0.4299, 0.3946

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4693, 0.3527, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4589, 0.4299, 0.3946 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(255, 183, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 119)  
}
```

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(255, 183, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 119) }
```

Border

The CSS property to change the border of an element to Yxy 56.4589, 0.4299, 0.3946 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(255, 183, 119) }
```

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

```
.border{ border-color:rgb(255, 183, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4589, 0.4299, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 119) }
```

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

```
.background{ background-color: rgb(255,  
183, 119) }
```

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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