

Converting Colors

Yxy(53.9704, 0.4215, 0.3923)

Have a look what the booklet for
Yxy(53.9704, 0.4215, 0.3923)
contains.

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Color

Yxy(54.0457, 0.4210, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	F6B57A
RGB	246, 181, 122
RGB Percent	96%, 71%, 48%
CMY	0.0353, 0.2902, 0.5216
CMYK	0.00, 0.26, 0.50, 0.04
HSL	29°, 87%, 72%
HSV	29°, 50%, 96%
XYZ	58.0440, 54.0457, 25.7820
YIQ	193.7090, 57.6790, -4.5690

Conversions

Conversions Part 2

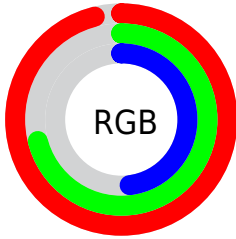
Format	Color
R _Y B	246, 235, 122
Decimal	16168314
CIE Lab	78.49, 16.93, 39.18
CIE LCh	78, 42.680, 66.632
Yxy	54.0457, 0.4210, 0.3920
Android (android.graphics.Color)	4294358394 (0xFFFF6B57A)
YUV	193.7090, -35.3525, 45.8592
Hunter-Lab	73.5158, 12.2811, 30.6680

Details

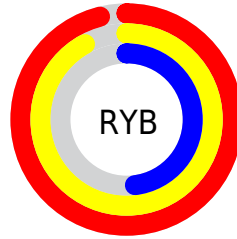
The Yxy color **54.0457, 0.4210, 0.3920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3296, 0.2323, 0.2536**, and the grayscale version is **53.9563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9235, 0.3653, 0.3914**, and **26.4710, 0.4483, 0.4039** is the 20% darker color. If you saturate the color by 10%, you get **48.5101, 0.4494, 0.4021**, and if you desaturate by 10%, it is **60.2262, 0.3944, 0.3800**.

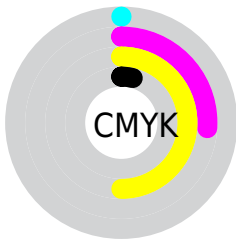
Distribution



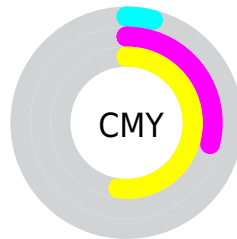
- Red (96%)
- Green (71%)
- Blue (48%)



- Red (96%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0457, 0.4210, 0.3920 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 54.0457, 0.4210, 0.3920 by changing the saturation by 10% instead.


 54.0457, 0.4210,
0.3920

 54.0457, 0.4210,
0.3920


402.2843, 0.3686,
0.3641

 38.6382, 0.4332,
0.3977


 96.1413, 0.4026,
0.3828

 26.4784, 0.4482,
0.4042


 123.5983, 0.3955,
0.3791

 17.1819, 0.4669,
0.4114


 155.8405, 0.3894,
0.3758

 10.3642, 0.4907,
0.4190

193.2523, 0.3841,
0.3729

 5.6411, 0.5217,
0.4259

236.2182, 0.3795,
0.3703

 2.6281, 0.5678,
0.4322

285.1226, 0.3755,

 0.9408, 0.5976,

0.3680

0.4024

340.3498, 0.3719,
0.3660

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0457, 0.4210,
0.3920

54.0457, 0.4210,
0.3920

48.5101, 0.4494,
0.4021

60.2262, 0.3944,
0.3800

43.5866, 0.4783,
0.4091


67.0671, 0.3702,
0.3671

39.2505, 0.5061,
0.4116

74.5927, 0.3487,
0.3541

35.4712, 0.5308,
0.4086

82.8237, 0.3298,
0.3414

 32.3308, 0.5505,
0.4011

 91.7798, 0.3133,
0.3295

 98.3339, 0.3072,
0.3290

Harmonies

Analogous

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



54.0457, 0.4227, 0.3491



54.0457, 0.4210, 0.3920



54.0457, 0.3888, 0.4242

Triad

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



54.0457, 0.4210, 0.3920



54.0457, 0.2378, 0.3479



54.0457, 0.2801, 0.2457

Complementary

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



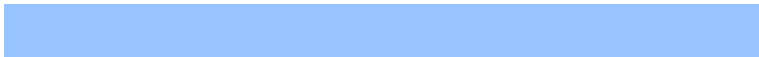
54.0457, 0.4210, 0.3920



46.3296, 0.2323, 0.2536

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.



54.0457, 0.2366, 0.2401



54.0457, 0.4210, 0.3920



54.0457, 0.2139, 0.2929

Square

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



54.0457, 0.4210, 0.3920



54.0457, 0.2824, 0.4024



54.0457, 0.2137, 0.2554



54.0457, 0.3369, 0.2691

Rectangle

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



54.0457, 0.4210, 0.3920



54.0457, 0.3559, 0.4326



54.0457, 0.2137, 0.2554



54.0457, 0.2636, 0.2417

Sweetspot

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



54.0483, 0.4210, 0.3920



85.6454, 0.3382, 0.3472



37.1478, 0.3776, 0.2594



17.9303, 0.3422, 0.3499



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.



54.0483, 0.4210, 0.3920



52.8032, 0.4485, 0.4019



84.4272, 0.3885, 0.4479



17.7833, 0.3282, 0.3403



17.5328, 0.5479, 0.4032



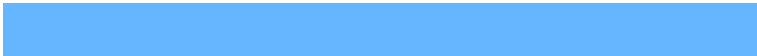
1.7453, 0.5276, 0.4193

Inverse Universe

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



46.3296, 0.2323, 0.2536



43.5808, 0.2181, 0.2359



25.7453, 0.2166, 0.1735



17.3643, 0.2980, 0.3174



12.2069, 0.1794, 0.1658



1.2787, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 54.0457, 0.4210, 0.3920 looks on a white background.

Color Contrast Check

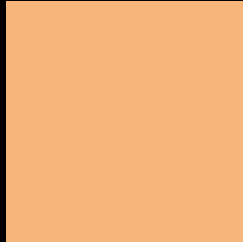
Large Text (above 18pt) WCAG AA × Fail

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 54.0457, 0.4210, 0.3920 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 54.0457, 0.4210, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 54.0457, 0.4210, 0.3920.



This preview shows how white text looks on a background with the Yxy color 54.0457, 0.4210, 0.3920.

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

54.0457, 0.4210, 0.3920

Protanopia

53.9648, 0.3792, 0.4094

Deuteranopia

54.1605, 0.4092, 0.4010



Tritanopia

53.9415, 0.3718, 0.3154

Trichromacy



Original Color

54.0457, 0.4210, 0.3920

Protanomaly

53.7232, 0.3947, 0.4028

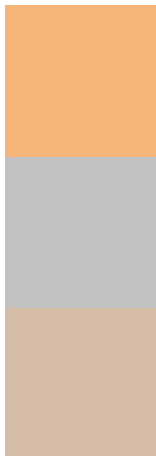
Deuteranomaly

54.0122, 0.4139, 0.3979

Tritanomaly

53.8347, 0.3902, 0.3432

Monochromacy



Original Color

54.0457, 0.4210, 0.3920

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3685, 0.3499, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0457, 0.4210, 0.3920 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(246, 181, 122)` looks like.

```
.text, #text, p{  
    color:rgb(246, 181, 122)  
}
```

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(246, 181, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 181, 122) }
```

Border

The CSS property to change the border of an element to Yxy 54.0457, 0.4210, 0.3920 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(246, 181, 122) }
```

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

```
.border{ border-color:rgb(246, 181, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 181, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 181, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 181, 122); box-shadow:4px 4px 4px 4px rgb(246, 181, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0457, 0.4210, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 181, 122) }
```

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

```
.background{ background-color: rgb(246,  
181, 122) }
```

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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