

Converting Colors

$Y_{xy}(54.0290, 0.4225, 0.3895)$

Have a look what the booklet for
Yxy(54.0290, 0.4225, 0.3895)
contains.

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Color

Yxy(54.0290, 0.4225, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	F8B47B
RGB	248, 180, 123
RGB Percent	97%, 71%, 48%
CMY	0.0275, 0.2941, 0.5176
CMYK	0.00, 0.27, 0.50, 0.03
HSL	27°, 90%, 73%
HSV	27°, 50%, 97%
XYZ	58.6066, 54.0290, 26.0782
YIQ	193.8340, 58.8250, -3.3110

Conversions

Conversions Part 2

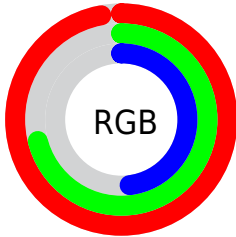
Format	Color
R _Y B	248, 228, 123
Decimal	16299131
CIE Lab	78.48, 18.34, 38.69
CIE LCh	78, 42.815, 64.643
Yxy	54.0290, 0.4225, 0.3895
Android (android.graphics.Color)	4294489211 (0xFFF8B47B)
YUV	193.8340, -34.9212, 47.5036
Hunter-Lab	73.5044, 13.6889, 30.4180

Details

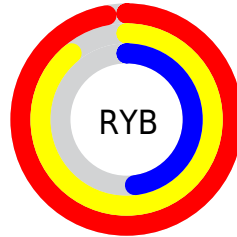
The Yxy color **54.0290, 0.4225, 0.3895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.2440, 0.2329, 0.2569**, and the grayscale version is **54.0312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3855, 0.3650, 0.3895**, and **26.4786, 0.4505, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **48.3030, 0.4517, 0.3992**, and if you desaturate by 10%, it is **60.4476, 0.3953, 0.3779**.

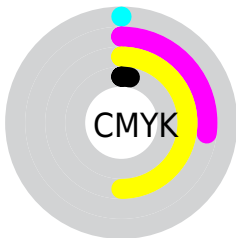
Distribution



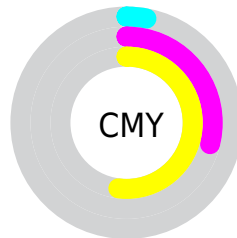
- Red (97%)
- Green (71%)
- Blue (48%)



- Red (97%)
- Yellow (89%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0290, 0.4225, 0.3895 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 54.0290, 0.4225, 0.3895 by changing the saturation by 10% instead.


 54.0290, 0.4225,
0.3895

 54.0290, 0.4225,
0.3895


402.2206, 0.3693,
0.3629


 38.6248, 0.4349,
0.3948


 96.1168, 0.4038,
0.3808

 26.4680, 0.4502,
0.4009


 123.5693, 0.3966,
0.3772

 17.1741, 0.4693,
0.4077


 155.8066, 0.3904,
0.3741

 10.3587, 0.4937,
0.4145

193.2133, 0.3850,
0.3713

 5.6374, 0.5254,
0.4203

236.1736, 0.3804,
0.3689

 2.6259, 0.5740,
0.4260

285.0720, 0.3762,

 0.9397, 0.6058,

0.3667

0.3942

340.2929, 0.3726,
0.3647

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0290, 0.4225,
0.3895

54.0290, 0.4225,
0.3895

48.3030, 0.4517,
0.3992

60.4476, 0.3953,
0.3779

43.2345, 0.4816,
0.4057


67.5762, 0.3707,
0.3655

38.7966, 0.5104,
0.4077

75.4413, 0.3489,
0.3530

34.9560, 0.5360,
0.4043

84.0653, 0.3298,
0.3409

 31.7896, 0.5564,
0.3964

 93.4697, 0.3133,
0.3294

 98.6956, 0.3084,
0.3290

Harmonies

Analogous

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



54.0290, 0.4219, 0.3461



54.0290, 0.4225, 0.3895



54.0290, 0.3919, 0.4230

Triad

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



54.0290, 0.4225, 0.3895



54.0290, 0.2400, 0.3519



54.0290, 0.2766, 0.2445

Complementary

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



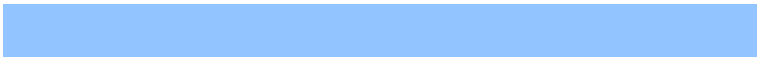
54.0290, 0.4225, 0.3895



48.2440, 0.2329, 0.2569

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.



54.0290, 0.2342, 0.2402



54.0290, 0.4225, 0.3895



54.0290, 0.2145, 0.2960

Square

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



54.0290, 0.4225, 0.3895



54.0290, 0.2857, 0.4056



54.0290, 0.2127, 0.2570



54.0290, 0.3330, 0.2669

Rectangle

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



54.0290, 0.4225, 0.3895



54.0290, 0.3595, 0.4327



54.0290, 0.2127, 0.2570



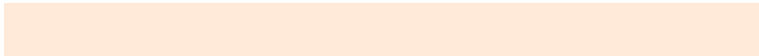
54.0290, 0.2604, 0.2409

Sweetspot

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



54.0316, 0.4225, 0.3895



85.2136, 0.3383, 0.3465



37.9162, 0.3752, 0.2574



17.8266, 0.3424, 0.3490



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.



54.0316, 0.4225, 0.3895



51.6410, 0.4507, 0.3989



84.7385, 0.3895, 0.4462



18.5293, 0.3282, 0.3399



17.4461, 0.5538, 0.3985



1.8248, 0.5337, 0.4144

Inverse Universe

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



48.2440, 0.2329, 0.2569



44.8345, 0.2190, 0.2399



26.7545, 0.2171, 0.1760



18.2076, 0.2980, 0.3179



13.2895, 0.1813, 0.1725



1.4428, 0.1869, 0.1926

Previews

White Background



This preview shows how the Yxy color 54.0290, 0.4225, 0.3895 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 54.0290, 0.4225, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

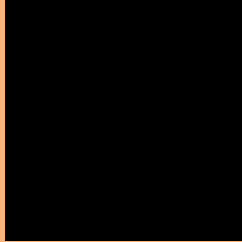
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0290, 0.4225, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 54.0290, 0.4225, 0.3895.



This preview shows how white text looks on a background with the Yxy color 54.0290, 0.4225, 0.3895.

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

54.0290, 0.4225, 0.3895

Protanopia

54.0174, 0.3777, 0.4071

Deuteranopia

54.1851, 0.4084, 0.4000



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

54.0290, 0.4225, 0.3895

Protanomaly

53.7748, 0.3931, 0.4006

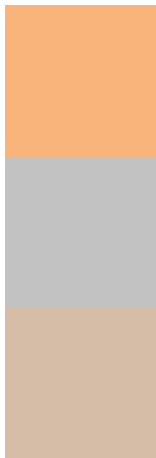
Deuteranomaly

54.2114, 0.4140, 0.3966

Tritanomaly

53.7778, 0.3933, 0.3431

Monochromacy



Original Color

54.0290, 0.4225, 0.3895

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5185, 0.3507, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0290, 0.4225, 0.3895 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(248, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(248, 180, 123)  
}
```

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(248, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 180, 123) }
```

Border

The CSS property to change the border of an element to Yxy 54.0290, 0.4225, 0.3895 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(248, 180, 123) }
```

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

```
.border{ border-color:rgb(248, 180, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 180, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 180, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 180, 123);  
box-shadow:4px 4px 4px 4px rgb(248, 180,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0290, 0.4225, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 180, 123) }
```

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

```
.background{ background-color: rgb(248,  
180, 123) }
```

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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