

# Converting Colors

Yxy(54.0829, 0.4223, 0.3960)

Have a look what the booklet for  
Yxy(54.0829, 0.4223, 0.3960)  
contains.

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# Color

**Yxy(54.2003, 0.4219, 0.3962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B677
RGB	245, 182, 119
RGB Percent	96%, 71%, 47%
CMY	0.0392, 0.2863, 0.5332
CMYK	0.00, 0.26, 0.51, 0.04
HSL	30°, 86%, 71%
HSV	30°, 51%, 96%
XYZ	57.7161, 54.2003, 24.8840
YIQ	193.6550, 57.7710, -6.2370

# Conversions

## Conversions Part 2

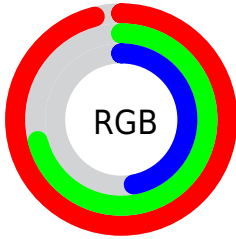
Format	Color
<a href="#">RYB</a>	<a href="#">245, 245, 119</a>
Decimal	<a href="#">16103031</a>
CIELab	<a href="#">78.58, 15.74, 40.79</a>
CIELCh	<a href="#">79, 43.719, 68.899</a>
Yxy	<a href="#">54.2003, 0.4219, 0.3962</a>
Android (android.graphics.Color)	<a href="#">4294293111 (0xFFFF5B677)</a>
YUV	<a href="#">193.6550, -36.8049, 45.0296</a>
Hunter-Lab	<a href="#">73.6209, 11.1010, 31.4945</a>

# Details

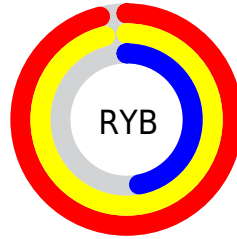
The Yxy color **54.2003, 0.4219, 0.3962** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.9879, 0.2300, 0.2478**, and the grayscale version is **53.9335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3876, 0.3670, 0.3953**, and **26.5693, 0.4491, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **48.8865, 0.4494, 0.4066**, and if you desaturate by 10%, it is **60.1102, 0.3958, 0.3837**.

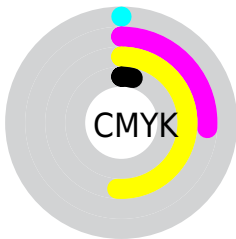
# Distribution



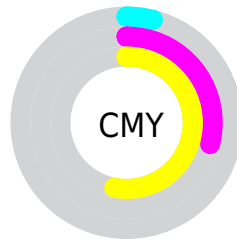
- Red (96%)
- Green (71%)
- Blue (47%)



- Red (96%)
- Yellow (96%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2003, 0.4219, 0.3962 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 54.2003, 0.4219, 0.3962 by changing the saturation by 10% instead.





 54.2003, 0.4219,  
0.3962


 54.2003, 0.4219,  
0.3962


402.8734, 0.3693,  
0.3664


 38.7618, 0.4340,  
0.4023


 96.3683, 0.4035,  
0.3863

 26.5745, 0.4489,  
0.4092


 123.8666, 0.3963,  
0.3824

 17.2539, 0.4675,  
0.4170

 156.1536, 0.3902,  
0.3788

 10.4157, 0.4907,  
0.4251

193.6137, 0.3849,  
0.3757

 5.6754, 0.5215,  
0.4332

236.6314, 0.3802,  
0.3730

 2.6487, 0.5623,  
0.4377

285.5909, 0.3762,

 0.9512, 0.5902,

0.3705

0.4098

340.8768, 0.3725,  
0.3683

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.2003, 0.4219,  
0.3962

54.2003, 0.4219,  
0.3962

48.8865, 0.4494,  
0.4066

60.1102, 0.3958,  
0.3837

44.1379, 0.4772,  
0.4137

66.6299, 0.3719,  
0.3703

39.9318, 0.5035,  
0.4162

73.7820, 0.3504,  
0.3566

36.2396, 0.5266,  
0.4133

81.5855, 0.3315,  
0.3433

33.4473, 0.5433,  
0.4068

90.0585, 0.3149,  
0.3307

98.1527, 0.3066,  
0.3290

# Harmonies

## Analogous

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



54.2003, 0.4264, 0.3527



54.2003, 0.4219, 0.3962



54.2003, 0.3869, 0.4280

# Triad

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



54.2003, 0.4219, 0.3962



54.2003, 0.2335, 0.3437



54.2003, 0.2834, 0.2452

# Complementary

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



54.2003, 0.4219, 0.3962



43.9879, 0.2300, 0.2478

# Split Complementary

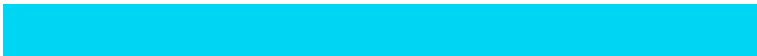
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.2003, 0.2376, 0.2380



54.2003, 0.4219, 0.3962



54.2003, 0.2110, 0.2883

# Square

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



54.2003, 0.4219, 0.3962



54.2003, 0.2776, 0.4007



54.2003, 0.2126, 0.2518



54.2003, 0.3419, 0.2702



# Rectangle

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



54.2003, 0.4219, 0.3962



54.2003, 0.3525, 0.4351



54.2003, 0.2126, 0.2518



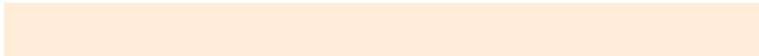
54.2003, 0.2662, 0.2406

# Sweetspot

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



54.2029, 0.4219, 0.3962



86.1729, 0.3381, 0.3481



36.0812, 0.3819, 0.2603



18.0571, 0.3420, 0.3509



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.



54.2029, 0.4219, 0.3962



53.1444, 0.4514, 0.4073



84.7879, 0.3888, 0.4515



17.8512, 0.3281, 0.3409



18.2956, 0.5408, 0.4088



1.8135, 0.5215, 0.4241



# Inverse Universe

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



43.9879, 0.2300, 0.2478



40.7949, 0.2141, 0.2270



24.2256, 0.2140, 0.1675



17.2961, 0.2980, 0.3169



11.3976, 0.1772, 0.1577



1.2073, 0.1834, 0.1804



# Previews

## White Background



This preview shows how the Yxy color 54.2003, 0.4219, 0.3962 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

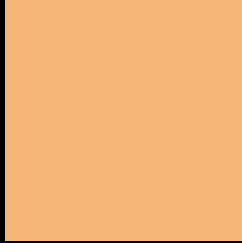
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.2003, 0.4219, 0.3962 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

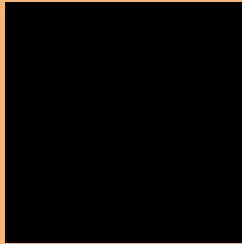
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.2003, 0.4219, 0.3962**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.2003, 0.4219, 0.3962.



This preview shows how white text looks on a background with the Yxy color 54.2003, 0.4219, 0.3962.

# 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

54.2003, 0.4219, 0.3962

### Protanopia

54.4825, 0.3819, 0.4136

### Deuteranopia

54.2587, 0.4124, 0.4038



## Tritanopia

54.3692, 0.3706, 0.3154

# Trichromacy



**Original Color**

54.2003, 0.4219, 0.3962

**Protanomaly**

54.0793, 0.3965, 0.4072

**Deuteranomaly**

54.3567, 0.4157, 0.4019

**Tritanomaly**

54.1927, 0.3907, 0.3454

# Monochromacy



**Original Color**

54.2003, 0.4219, 0.3962

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

53.7631, 0.3505, 0.3567

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.2003, 0.4219, 0.3962 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(245, 182, 119)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 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(245, 182, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 119) }
```

## Border

The CSS property to change the border of an element to Yxy 54.2003, 0.4219, 0.3962 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(245, 182, 119) }
```

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

```
.border{ border-color:rgb(245, 182, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 119);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
119) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.2003, 0.4219, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 119) }
```

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

```
.background{ background-color: rgb(245,  
182, 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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