

Converting Colors

$Yxy(57.6761, 0.4543, 0.4510)$

Have a look what the booklet for
Yxy(57.6761, 0.4543, 0.4510)
contains.

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Color

Yxy(57.5236, 0.4551, 0.4506)

Conversions

Conversions Part 1

Format	Color
Hex	F8BF3A
RGB	248, 191, 58
RGB Percent	97%, 75%, 23%
CMY	0.0276, 0.2509, 0.7727
CMYK	0.00, 0.23, 0.77, 0.03
HSL	42°, 93%, 60%
HSV	42°, 77%, 97%
XYZ	58.0981, 57.5236, 12.0383
YIQ	192.8810, 76.6650, -29.2790

Conversions

Conversions Part 2

Format	Color
R _Y B	139, 248, 58
Decimal	16301882
CIE Lab	80.47, 8.50, 70.34
CIE LCh	80, 70.854, 83.106
Yxy	57.5236, 0.4551, 0.4506
Android (android.graphics.Color)	4294491962 (0xFFFF8BF3A)
YUV	192.8810, -66.4963, 48.3394
Hunter-Lab	75.8443, 4.0066, 43.6803

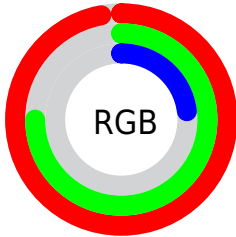
Details

The Yxy color **57.5236, 0.4551, 0.4506** is a light color, and the websafe version is hex **FFCC33**.

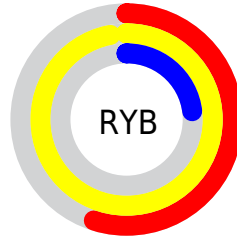
The color can be described as light washed orange. A complement of this color would be **19.9162, 0.1823, 0.1464**, and the grayscale version is **53.6179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9964, 0.3965, 0.4551**, and **28.7418, 0.4747, 0.4613** is the 20% darker color. If you saturate the color by 10%, you get **54.1715, 0.4702, 0.4546**, and if you desaturate by 10%, it is **61.1672, 0.4373, 0.4417**.

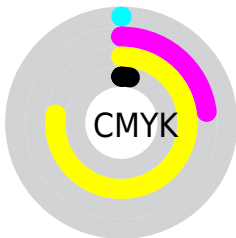
Distribution



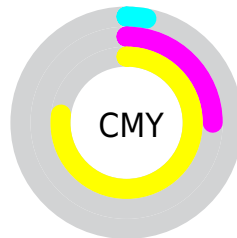
- Red (97%)
- Green (75%)
- Blue (23%)



- Red (55%)
- Yellow (97%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5236, 0.4551, 0.4506 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 57.5236, 0.4551, 0.4506 by changing the saturation by 10% instead.


 57.5236, 0.4551,
0.4506

 57.5236, 0.4551,
0.4506


415.4084, 0.3924,
0.4000

 41.4258, 0.4671,
0.4592


 101.2288, 0.4349,
0.4351

 28.6519, 0.4802,
0.4681

 129.6049, 0.4266,
0.4284


 18.8177, 0.4940,
0.4761


 162.8426, 0.4191,
0.4224

 11.5386, 0.5131,
0.4869

 201.3263, 0.4125,
0.4170

 6.4303, 0.5185,
0.4815

 245.4403, 0.4067,
0.4121

 3.1085, 0.5268,
0.4732

295.5691, 0.4014,

 1.1886, 0.5411,

0.4076

0.4589

352.0970, 0.3967,
0.4036

0.0524, 0.8309,
0.1691

0.0000, 0.0000,
0.0000

57.5236, 0.4551,
0.4506

57.5236, 0.4551,
0.4506

54.1715, 0.4702,
0.4546

61.1672, 0.4373,
0.4417

51.0807, 0.4822,
0.4536

65.1117, 0.4178,
0.4288

50.0868, 0.4858,
0.4525

69.3753, 0.3975,
0.4130

73.9718, 0.3773,
0.3954

78.9140, 0.3579,
0.3769

84.2136, 0.3397,
0.3584

89.8816, 0.3230,
0.3405

95.8418, 0.3085,
0.3246

98.6914, 0.3084,
0.3290

Harmonies

Analogous

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



57.5236, 0.4924, 0.3868



57.5236, 0.4551, 0.4506



57.5236, 0.3828, 0.4957

Triad

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



57.5236, 0.4551, 0.4506



57.5236, 0.1727, 0.3029



57.5236, 0.3064, 0.2198

Complementary

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



57.5236, 0.4551, 0.4506



19.9162, 0.1823, 0.1464

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.



57.5236, 0.2268, 0.1965



57.5236, 0.4551, 0.4506



57.5236, 0.1595, 0.2319

Square

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



57.5236, 0.4551, 0.4506



57.5236, 0.2202, 0.4040



57.5236, 0.1776, 0.1988



57.5236, 0.4015, 0.2643

Rectangle

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



57.5236, 0.4551, 0.4506



57.5236, 0.3259, 0.4971



57.5236, 0.1776, 0.1988



57.5236, 0.2769, 0.2094

Sweetspot

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



57.5264, 0.4551, 0.4506



86.0735, 0.3512, 0.3703



24.2107, 0.5029, 0.2811



17.9956, 0.3580, 0.3770



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.



57.5264, 0.4551, 0.4506



55.8766, 0.4772, 0.4546



81.1204, 0.3843, 0.5119



19.2608, 0.3276, 0.3455



27.3208, 0.4844, 0.4535



2.7158, 0.4748, 0.4612

Inverse Universe

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



19.9162, 0.1823, 0.1464



14.8071, 0.1657, 0.1112



12.2827, 0.1854, 0.0979



17.4911, 0.2979, 0.3119



6.5441, 0.1610, 0.0994



0.7829, 0.1674, 0.1225

Previews

White Background



This preview shows how the Yxy color 57.5236, 0.4551, 0.4506 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 57.5236, 0.4551, 0.4506 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 57.5236, 0.4551, 0.4506

Background



This preview shows how black text looks on a background with the Yxy color 57.5236, 0.4551, 0.4506.



This preview shows how white text looks on a background with the Yxy color 57.5236, 0.4551, 0.4506.

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

57.5236, 0.4551, 0.4506

Protanopia

57.4821, 0.4269, 0.4700

Deuteranopia

57.6416, 0.4584, 0.4481



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.5236, 0.4551, 0.4506

Protanomaly

57.5719, 0.4373, 0.4631

Deuteranomaly

57.4564, 0.4576, 0.4487

Tritanomaly

56.5456, 0.4076, 0.3715

Monochromacy



Original Color

57.5236, 0.4551, 0.4506

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8590, 0.3686, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5236, 0.4551, 0.4506 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, 191, 58)` looks like.

```
.text, #text, p{  
    color:rgb(248, 191, 58)  
}
```

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, 191, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 191, 58) }
```

Border

The CSS property to change the border of an element to Yxy 57.5236, 0.4551, 0.4506 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, 191, 58) }
```

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

```
.border{ border-color:rgb(248, 191, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 191, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 191, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 191, 58);  
box-shadow:4px 4px 4px 4px rgb(248, 191,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5236, 0.4551, 0.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 191, 58) }
```

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

```
.background{ background-color: rgb(248,  
191, 58) }
```

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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