

Converting Colors

Yxy(57.8494, 0.4543, 0.4663)

Have a look what the booklet for
Yxy(57.8494, 0.4543, 0.4663)
contains.

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Color

Yxy(58.0348, 0.4539, 0.4666)

Conversions

Conversions Part 1

Format	Color
Hex	F2C324
RGB	242, 195, 36
RGB Percent	95%, 76%, 14%
CMY	0.0509, 0.2353, 0.8592
CMYK	0.00, 0.19, 0.85, 0.05
HSL	46°, 89%, 54%
HSV	46°, 85%, 95%
XYZ	56.4552, 58.0348, 9.8881
YIQ	190.9270, 79.0510, -39.4850

Conversions

Conversions Part 2

Format	Color
RYB	97, 242, 36
Decimal	15909668
CIELab	80.76, 3.24, 76.93
CIELCh	81, 76.995, 87.590
Yxy	58.0348, 0.4539, 0.4666
Android (android.graphics.Color)	4294099748 (0xFFFF2C324)
YUV	190.9270, -76.3790, 44.7910
Hunter-Lab	76.1806, -1.0349, 45.6307

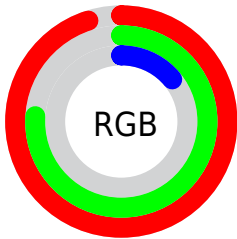
Details

The Yxy color **58.0348, 0.4539, 0.4666** is a light color, and the websafe version is hex **FFCC33**.

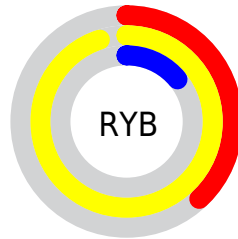
The color can be described as light washed yellow. A complement of this color would be **12.9619, 0.1678, 0.1096**, and the grayscale version is **52.4701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1552, 0.4011, 0.4688**, and **29.1698, 0.4633, 0.4704** is the 20% darker color. If you saturate the color by 10%, you get **55.5080, 0.4635, 0.4678**, and if you desaturate by 10%, it is **60.7584, 0.4413, 0.4605**.

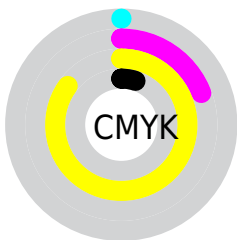
Distribution



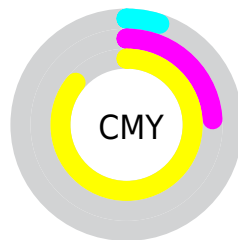
- Red (95%)
- Green (76%)
- Blue (14%)



- Red (38%)
- Yellow (95%)
- Blue (14%)



- Cyan (0%)
- Magenta (19%)
- Yellow (85%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0348, 0.4539, 0.4666 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 58.0348, 0.4539, 0.4666 by changing the saturation by 10% instead.


 58.0348, 0.4539,
0.4666


 58.0348, 0.4539,
0.4666


417.3156, 0.3939,
0.4095

 41.8366, 0.4644,
0.4762


 101.9735, 0.4353,
0.4493


 28.9734, 0.4754,
0.4858


 130.4829, 0.4274,
0.4417


 19.0607, 0.4862,
0.4946


 163.8647, 0.4202,
0.4349

 11.7141, 0.4972,
0.5028

 202.5035, 0.4138,
0.4288

 6.5493, 0.4993,
0.5007

 246.7836, 0.4081,
0.4232

 3.1819, 0.5025,
0.4975

 297.0894, 0.4029,

 1.2274, 0.5081,

0.4182

0.4919

353.8052, 0.3982,
0.4136

■ 0.0839, 0.6543,
0.3457

■ 0.0000, 0.0000,
0.0000

■ 58.0348, 0.4539,
0.4666

■ 58.0348, 0.4539,
0.4666

■ 55.5080, 0.4635,
0.4678

■ 60.7584, 0.4413,
0.4605


■ 54.3391, 0.4673,
0.4672


■ 63.6887, 0.4261,
0.4499


■ 66.8434, 0.4089,
0.4353


■ 70.2358, 0.3907,
0.4178

 73.8773, 0.3722,
0.3986

 77.7787, 0.3540,
0.3785

 81.9497, 0.3367,
0.3584

 86.3996, 0.3206,
0.3388

 91.1369, 0.3057,
0.3201

Harmonies

Analogous

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



58.0348, 0.5028, 0.3986



58.0348, 0.4539, 0.4666



58.0348, 0.3725, 0.5124

Triad

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



58.0348, 0.4539, 0.4666



58.0348, 0.1587, 0.2855



58.0348, 0.3204, 0.2183

Complementary

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



58.0348, 0.4539, 0.4666



12.9619, 0.1678, 0.1096

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.



58.0348, 0.2310, 0.1900



58.0348, 0.4539, 0.4666



58.0348, 0.1506, 0.2166

Square

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



58.0348, 0.4539, 0.4666



58.0348, 0.2028, 0.3934



58.0348, 0.1744, 0.1878



58.0348, 0.4231, 0.2679

Rectangle

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



58.0348, 0.4539, 0.4666



58.0348, 0.3112, 0.5081



58.0348, 0.1744, 0.1878



58.0348, 0.2876, 0.2062

Sweetspot

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



58.0376, 0.4539, 0.4666



87.1677, 0.3557, 0.3803



20.7774, 0.5552, 0.2969



18.3256, 0.3619, 0.3873



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.



58.0376, 0.4539, 0.4666



61.1139, 0.4674, 0.4670



74.2140, 0.3756, 0.5301



17.8118, 0.3274, 0.3471



29.4024, 0.4663, 0.4679



2.5934, 0.4589, 0.4739

Inverse Universe

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



12.9619, 0.1678, 0.1096



10.2636, 0.1561, 0.0819



9.8865, 0.1812, 0.0855



15.8137, 0.2980, 0.3102



5.0917, 0.1569, 0.0847



0.5692, 0.1635, 0.1085

Previews

White Background



This preview shows how the Yxy color 58.0348, 0.4539, 0.4666 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 58.0348, 0.4539, 0.4666 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 58.0348, 0.4539, 0.4666

Background



This preview shows how black text looks on a background with the Yxy color 58.0348, 0.4539, 0.4666.



This preview shows how white text looks on a background with the Yxy color 58.0348, 0.4539, 0.4666.

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

58.0348, 0.4539, 0.4666

Protanopia

58.0820, 0.4349, 0.4802

Deuteranopia

57.8560, 0.4664, 0.4552



Tritanopia

58.0915, 0.3623, 0.3155

Trichromacy



Original Color

58.0348, 0.4539, 0.4666

Protanomaly

58.1362, 0.4418, 0.4754

Deuteranomaly

57.9790, 0.4617, 0.4594

Tritanomaly

57.3032, 0.4072, 0.3825

Monochromacy



Original Color

58.0348, 0.4539, 0.4666

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1502, 0.3730, 0.3981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0348, 0.4539, 0.4666 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(242, 195, 36)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 36)  
}
```

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(242, 195, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 36) }
```

Border

The CSS property to change the border of an element to Yxy 58.0348, 0.4539, 0.4666 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(242, 195, 36) }
```

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

```
.border{ border-color:rgb(242, 195, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 36);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0348, 0.4539, 0.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 36) }
```

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

```
.background{ background-color: rgb(242,  
195, 36) }
```

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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