

Converting Colors

$Y_{xy}(58.1074, 0.4484, 0.4389)$

Have a look what the booklet for
Yxy(58.1074, 0.4484, 0.4389)
contains.

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Color

Yxy(58.1074, 0.4484, 0.4389)

Conversions

Conversions Part 1

Format	Color
Hex	FABF4C
RGB	250, 191, 76
RGB Percent	98%, 75%, 30%
CMY	0.0195, 0.2510, 0.7020
CMYK	0.00, 0.24, 0.70, 0.02
HSL	40°, 95%, 64%
HSV	40°, 70%, 98%
XYZ	59.3651, 58.1074, 14.9207
YIQ	195.5310, 72.0790, -23.2570

Conversions

Conversions Part 2

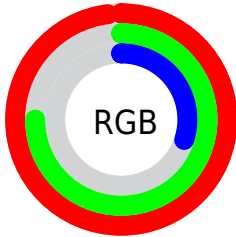
Format	Color
RYB	165, 250, 76
Decimal	16432972
CIELab	80.80, 10.17, 63.78
CIELCh	81, 64.587, 80.945
Yxy	58.1074, 0.4484, 0.4389
Android (android.graphics.Color)	4294623052 (0xFFFABF4C)
YUV	195.5310, -58.9288, 47.7693
Hunter-Lab	76.2282, 5.6132, 41.7545

Details

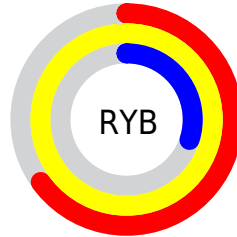
The Yxy color **58.1074, 0.4484, 0.4389** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **25.7693, 0.1945, 0.1734**, and the grayscale version is **55.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3932, 0.3885, 0.4422**, and **29.0248, 0.4743, 0.4566** is the 20% darker color. If you saturate the color by 10%, you get **54.2356, 0.4672, 0.4456**, and if you desaturate by 10%, it is **62.3341, 0.4277, 0.4278**.

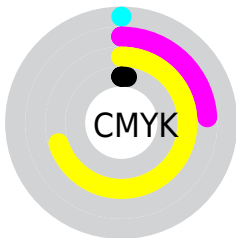
Distribution



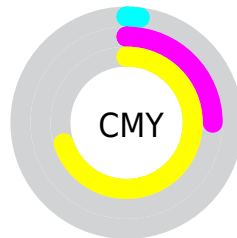
- Red (98%)
- Green (75%)
- Blue (30%)



- Red (65%)
- Yellow (98%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1074, 0.4484, 0.4389 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 58.1074, 0.4484, 0.4389 by changing the saturation by 10% instead.


 58.1074, 0.4484,
0.4389

 58.1074, 0.4484,
0.4389


417.5860, 0.3873,
0.3924


 41.8950, 0.4607,
0.4473


 102.0792, 0.4283,
0.4244


 29.0191, 0.4747,
0.4561


 130.6075, 0.4201,
0.4182

 19.0953, 0.4902,
0.4648


 164.0098, 0.4129,
0.4127

 11.7391, 0.5082,
0.4733

 202.6705, 0.4065,
0.4077

 6.5663, 0.5242,
0.4758

 246.9741, 0.4009,
0.4033

 3.1924, 0.5338,
0.4662

297.3050, 0.3958,

 1.2330, 0.5504,

0.3993

0.4496

354.0475, 0.3913,
0.3957

0.0884, 0.7898,
0.2102

0.0000, 0.0000,
0.0000

58.1074, 0.4484,
0.4389

58.1074, 0.4484,
0.4389

54.2356, 0.4672,
0.4456

62.3341, 0.4277,
0.4278

50.6898, 0.4832,
0.4473


66.9246, 0.4062,
0.4135

47.4428, 0.4961,
0.4441


71.8974, 0.3849,
0.3971


47.3209, 0.4965,
0.4439

77.2669, 0.3645,
0.3797

 83.0463, 0.3454,
0.3620

 89.2481, 0.3279,
0.3448

 95.8840, 0.3121,
0.3284

 99.0681, 0.3096,
0.3290

Harmonies

Analogous

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



58.1074, 0.4779, 0.3803



58.1074, 0.4484, 0.4389



58.1074, 0.3843, 0.4797

Triad

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



58.1074, 0.4484, 0.4389



58.1074, 0.1859, 0.3124



58.1074, 0.3015, 0.2257

Complementary

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



58.1074, 0.4484, 0.4389



25.7693, 0.1945, 0.1734

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.



58.1074, 0.2296, 0.2056



58.1074, 0.4484, 0.4389



58.1074, 0.1707, 0.2443

Square

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



58.1074, 0.4484, 0.4389



58.1074, 0.2330, 0.4033



58.1074, 0.1855, 0.2102



58.1074, 0.3877, 0.2662

Rectangle

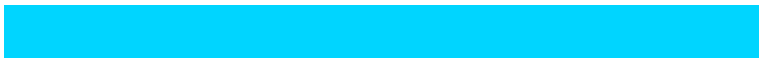
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1074, 0.4484, 0.4389



58.1074, 0.3322, 0.4818



58.1074, 0.1855, 0.2102



58.1074, 0.2749, 0.2164

Sweetspot

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



58.1103, 0.4484, 0.4389



85.9733, 0.3480, 0.3645



27.2978, 0.4640, 0.2723



18.0386, 0.3532, 0.3694



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.



58.1103, 0.4484, 0.4389



55.0203, 0.4748, 0.4470



84.7404, 0.3880, 0.4966



19.1412, 0.3277, 0.3446



25.3728, 0.4950, 0.4452



2.5462, 0.4836, 0.4542

Inverse Universe

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



25.7693, 0.1945, 0.1734



19.5970, 0.1759, 0.1384



14.9000, 0.1916, 0.1127



17.6051, 0.2979, 0.3129



7.3275, 0.1637, 0.1092



0.8665, 0.1702, 0.1327

Previews

White Background



This preview shows how the Yxy color 58.1074, 0.4484, 0.4389 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 58.1074, 0.4484, 0.4389 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 58.1074, 0.4484, 0.4389

Background



This preview shows how black text looks on a background with the Yxy color 58.1074, 0.4484, 0.4389.



This preview shows how white text looks on a background with the Yxy color 58.1074, 0.4484, 0.4389.

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

58.1074, 0.4484, 0.4389

Protanopia

58.1851, 0.4174, 0.4579

Deuteranopia

58.1074, 0.4484, 0.4389



Tritanopia

58.1580, 0.3669, 0.3166

Trichromacy



Original Color

58.1074, 0.4484, 0.4389

Protanomaly

57.8062, 0.4285, 0.4508

Deuteranomaly

58.1074, 0.4484, 0.4389

Tritanomaly

57.7826, 0.4015, 0.3661

Monochromacy



Original Color

58.1074, 0.4484, 0.4389

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4495, 0.3641, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1074, 0.4484, 0.4389 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(250, 191, 76)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 76)  
}
```

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(250, 191, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 76) }
```

Border

The CSS property to change the border of an element to Yxy 58.1074, 0.4484, 0.4389 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(250, 191, 76) }
```

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

```
.border{ border-color:rgb(250, 191, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 191, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 76);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1074, 0.4484, 0.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 76) }
```

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

```
.background{ background-color: rgb(250,  
191, 76) }
```

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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