

Converting Colors

Yxy(57.2454, 0.4591, 0.4740)

Have a look what the booklet for
Yxy(57.2454, 0.4591, 0.4740)
contains.

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Color

Yxy(57.2843, 0.4593, 0.4735)

Conversions

Conversions Part 1

Format	Color
Hex	F1C200
RGB	241, 194, 0
RGB Percent	95%, 76%, 0%
CMY	0.0549, 0.2392, 0.9997
CMYK	0.00, 0.19, 1.00, 0.05
HSL	48°, 100%, 47%
HSV	48°, 100%, 95%
XYZ	55.5664, 57.2843, 8.1299
YIQ	185.9370, 90.2860, -50.3700

Conversions

Conversions Part 2

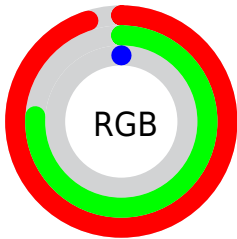
Format	Color
R _Y B	58, 241, 0
Decimal	15843840
CIE Lab	80.34, 2.83, 81.88
CIE LCh	80, 81.933, 88.023
Yxy	57.2843, 0.4593, 0.4735
Android (android.graphics.Color)	4294033920 (0xFFFF1C200)
YUV	185.9370, -91.6669, 48.2903
Hunter-Lab	75.6864, -1.4026, 46.6118

Details

The Yxy color **57.2843, 0.4593, 0.4735** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **8.3891, 0.1547, 0.0768**, and the grayscale version is **49.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2713, 0.4074, 0.4775**, and **28.7531, 0.4635, 0.4702** is the 20% darker color. If you saturate the color by 10%, you get **57.2802, 0.4593, 0.4735**, and if you desaturate by 10%, it is **59.4791, 0.4521, 0.4734**.

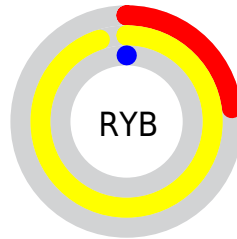
Distribution



Red (95%)

Green (76%)

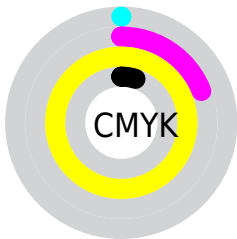
Blue (0%)



Red (23%)

Yellow (95%)

Blue (0%)

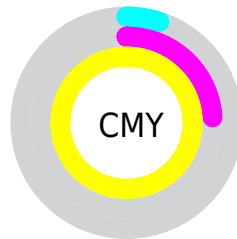


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2843, 0.4593, 0.4735 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 57.2843, 0.4593, 0.4735 by changing the saturation by 10% instead.


 57.2843, 0.4593,
0.4735


 57.2843, 0.4593,
0.4735


414.5138, 0.3984,
0.4148


 41.2335, 0.4694,
0.4828

 100.8799, 0.4409,
0.4561

 28.5016, 0.4795,
0.4917


 129.1935, 0.4329,
0.4484


 18.7041, 0.4901,
0.5007


 162.3636, 0.4256,
0.4414

 11.4567, 0.4960,
0.5040

 200.7744, 0.4190,
0.4350

 6.3749, 0.4978,
0.5022

 244.8105, 0.4131,
0.4292

 3.0744, 0.5007,
0.4993

 294.8561, 0.4077,

 1.1707, 0.5057,

0.4239

0.4943

351.2957, 0.4028,
0.4191

■ 0.0376, 0.7360,
0.2640

■ 0.0000, 0.0000,
0.0000

■ 57.2843, 0.4593,
0.4735

■ 57.2843, 0.4593,
0.4735

■ 57.2802, 0.4593,
0.4735

■ 59.4791, 0.4521,
0.4734

■ 61.8204, 0.4422,
0.4691

■ 64.3372, 0.4294,
0.4601

■ 67.0453, 0.4142,
0.4468

■ 69.9582, 0.3974,
0.4301

■ 73.0876, 0.3798,
0.4110

■ 76.4442, 0.3620,
0.3905

■ 80.0377, 0.3446,
0.3696

■ 83.8771, 0.3281,
0.3489

Harmonies

Analogous

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



57.2843, 0.5133, 0.4008



57.2843, 0.4593, 0.4735



57.2843, 0.3725, 0.5247

Triad

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



57.2843, 0.4593, 0.4735



57.2843, 0.1499, 0.2801



57.2843, 0.3220, 0.2129

Complementary

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



57.2843, 0.4593, 0.4735



8.3891, 0.1547, 0.0768

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.



57.2843, 0.2271, 0.1831



57.2843, 0.4593, 0.4735



57.2843, 0.1425, 0.2088

Square

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



57.2843, 0.4593, 0.4735



57.2843, 0.1947, 0.3959



57.2843, 0.1676, 0.1800



57.2843, 0.4319, 0.2648

Rectangle

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



57.2843, 0.4593, 0.4735



57.2843, 0.3079, 0.5213



57.2843, 0.1676, 0.1800



57.2843, 0.2869, 0.2002

Sweetspot

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



57.2871, 0.4593, 0.4735



86.8619, 0.3622, 0.3908



18.9170, 0.6108, 0.3139



18.2400, 0.3697, 0.3995



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.



57.2871, 0.4593, 0.4735



65.0507, 0.4595, 0.4734



71.3113, 0.3665, 0.5472



17.9045, 0.3273, 0.3479



31.2558, 0.4585, 0.4741



2.7326, 0.4524, 0.4790

Inverse Universe

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



8.3891, 0.1547, 0.0768



9.4784, 0.1546, 0.0764



7.7435, 0.1688, 0.0704



15.7277, 0.2980, 0.3094



4.6941, 0.1553, 0.0789



0.5245, 0.1615, 0.1014

Previews

White Background



This preview shows how the Yxy color 57.2843, 0.4593, 0.4735 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 57.2843, 0.4593, 0.4735 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 57.2843, 0.4593, 0.4735

Background



This preview shows how black text looks on a background with the Yxy color 57.2843, 0.4593, 0.4735.



This preview shows how white text looks on a background with the Yxy color 57.2843, 0.4593, 0.4735.

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

57.2843, 0.4593, 0.4735

Protanopia

57.3380, 0.4397, 0.4871

Deuteranopia

57.1311, 0.4711, 0.4605



Tritanopia

57.0468, 0.3628, 0.3144

Trichromacy



Original Color

57.2843, 0.4593, 0.4735

Protanomaly

57.3902, 0.4468, 0.4822

Deuteranomaly

57.2422, 0.4667, 0.4654

Tritanomaly

55.9021, 0.4187, 0.3948

Monochromacy



Original Color

57.2843, 0.4593, 0.4735

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.8250, 0.3839, 0.4158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2843, 0.4593, 0.4735 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(241, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 0)  
}
```

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(241, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 0) }
```

Border

The CSS property to change the border of an element to Yxy 57.2843, 0.4593, 0.4735 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(241, 194, 0) }
```

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

```
.border{ border-color:rgb(241, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2843, 0.4593, 0.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 0) }
```

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

```
.background{ background-color: rgb(241,  
194, 0) }
```

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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