

Converting Colors

$Yxy(65.5471, 0.4389, 0.4503)$

Have a look what the booklet for
Yxy(65.5471, 0.4389, 0.4503)
contains.

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Color

Yxy(65.5471, 0.4389, 0.4503)

Conversions

Conversions Part 1

Format	Color
Hex	FDCE4C
RGB	253, 206, 76
RGB Percent	99%, 81%, 30%
CMY	0.0078, 0.1922, 0.7018
CMYK	0.00, 0.19, 0.70, 0.01
HSL	44°, 98%, 65%
HSV	44°, 70%, 99%
XYZ	63.8877, 65.5471, 16.1284
YIQ	205.2330, 69.7420, -30.4660

Conversions

Conversions Part 2

Format	Color
RYB	140, 253, 76
Decimal	16633420
CIELab	84.76, 3.66, 67.91
CIElCh	85, 68.009, 86.917
Yxy	65.5471, 0.4389, 0.4503
Android (android.graphics.Color)	4294823500 (0xFFFDCE4C)
YUV	205.2330, -63.7119, 41.8917
Hunter-Lab	80.9612, -0.8250, 44.8616

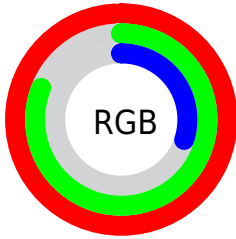
Details

The Yxy color **65.5471, 0.4389, 0.4503** is a light color, and the websafe version is hex **FFCC33**.

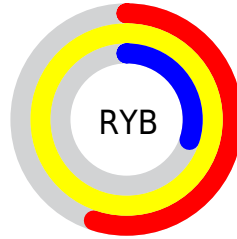
The color can be described as light washed yellow. A complement of this color would be **22.8081, 0.1898, 0.1557**, and the grayscale version is **61.5916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4187, 0.3845, 0.4476**, and **33.6761, 0.4608, 0.4703** is the 20% darker color. If you saturate the color by 10%, you get **62.0975, 0.4544, 0.4582**, and if you desaturate by 10%, it is **69.2797, 0.4211, 0.4381**.

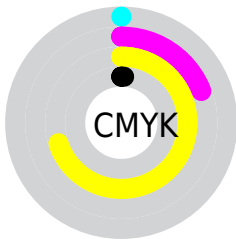
Distribution



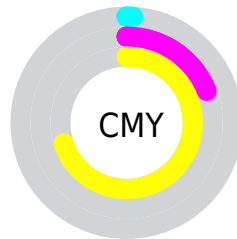
- Red (99%)
- Green (81%)
- Blue (30%)



- Red (55%)
- Yellow (99%)
- Blue (30%)



- Cyan (0%)
- Magenta (19%)
- Yellow (70%)
- Black (1%)




- Cyan (1%)
- Magenta (19%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5471, 0.4389, 0.4503 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 65.5471, 0.4389, 0.4503 by changing the saturation by 10% instead.


 65.5471, 0.4389,
0.4503


 65.5471, 0.4389,
0.4503


444.7554, 0.3842,
0.3988


 47.9048, 0.4494,
0.4598

 112.8361, 0.4213,
0.4341

 33.7515, 0.4611,
0.4701


 143.2515, 0.4140,
0.4272


 22.7028, 0.4736,
0.4808


 178.6936, 0.4076,
0.4211

 14.3742, 0.4867,
0.4912

 219.5465, 0.4018,
0.4157

 8.3814, 0.4997,
0.5003

 266.1948, 0.3967,
0.4108

 4.3399, 0.5028,
0.4972

319.0227, 0.3921,

 1.8655, 0.5077,

0.4064

0.4923

378.4148, 0.3879,
0.4024

■ 0.5275, 0.5282,
0.4718

■ 0.0000, 0.0000,
0.0000

■ 65.5471, 0.4389,
0.4503

■ 65.5471, 0.4389,
0.4503

■ 62.0975, 0.4544,
0.4582

■ 69.2797, 0.4211,
0.4381

■ 58.9025, 0.4671,
0.4611

■ 73.3019, 0.4021,
0.4225

■ 55.9352, 0.4768,
0.4596

■ 77.6313, 0.3827,
0.4047

■ 55.9197, 0.4769,
0.4595

■ 82.2808, 0.3636,
0.3856

 87.2623, 0.3453,
0.3662

 92.5870, 0.3283,
0.3472

 98.2652, 0.3126,
0.3289

 99.6245, 0.3115,
0.3290

Harmonies

Analogous

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



65.5471, 0.4775, 0.3928



65.5471, 0.4389, 0.4503



65.5471, 0.3696, 0.4848

Triad

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



65.5471, 0.4389, 0.4503



65.5471, 0.1790, 0.2957



65.5471, 0.3183, 0.2314

Complementary

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



65.5471, 0.4389, 0.4503



22.8081, 0.1898, 0.1557

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.



65.5471, 0.2411, 0.2066



65.5471, 0.4389, 0.4503



65.5471, 0.1700, 0.2338

Square

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



65.5471, 0.4389, 0.4503



65.5471, 0.2202, 0.3858



65.5471, 0.1908, 0.2059



65.5471, 0.4050, 0.2756

Rectangle

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



65.5471, 0.4389, 0.4503



65.5471, 0.3162, 0.4788



65.5471, 0.1908, 0.2059



65.5471, 0.2902, 0.2207

Sweetspot

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



65.5503, 0.4389, 0.4503



88.2761, 0.3472, 0.3683



27.4946, 0.4871, 0.2869



18.5897, 0.3522, 0.3736



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.



65.5503, 0.4389, 0.4503



61.8539, 0.4600, 0.4600



84.7341, 0.3778, 0.5041



20.2263, 0.3276, 0.3464



29.9965, 0.4757, 0.4605



3.1000, 0.4678, 0.4667

Inverse Universe

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



22.8081, 0.1898, 0.1557



16.3661, 0.1710, 0.1202



16.0717, 0.2002, 0.1162



18.1624, 0.2979, 0.3110



6.1229, 0.1588, 0.0917



0.7662, 0.1647, 0.1129

Previews

White Background



This preview shows how the Yxy color 65.5471, 0.4389, 0.4503 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 65.5471, 0.4389, 0.4503 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 65.5471, 0.4389, 0.4503

Background



This preview shows how black text looks on a background with the Yxy color 65.5471, 0.4389, 0.4503.



This preview shows how white text looks on a background with the Yxy color 65.5471, 0.4389, 0.4503.

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

65.5471, 0.4389, 0.4503

Protanopia

65.6416, 0.4208, 0.4616

Deuteranopia

65.3279, 0.4171, 0.4129



Tritanopia

65.2939, 0.3511, 0.3168

Trichromacy



Original Color

65.5471, 0.4389, 0.4503

Protanomaly

65.6837, 0.4275, 0.4577

Deuteranomaly

65.2560, 0.4260, 0.4279

Tritanomaly

64.9174, 0.3878, 0.3710

Monochromacy



Original Color

65.5471, 0.4389, 0.4503

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6609, 0.3611, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5471, 0.4389, 0.4503 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(253, 206, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 76) }
```

Border

The CSS property to change the border of an element to Yxy 65.5471, 0.4389, 0.4503 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(253, 206, 76) }
```

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

```
.border{ border-color:rgb(253, 206, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5471, 0.4389, 0.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 76) }
```

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

```
.background{ background-color: rgb(253,  
206, 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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