

Converting Colors

$Yxy(67.3697, 0.4523, 0.4791)$

Have a look what the booklet for
Yxy(67.3697, 0.4523, 0.4791)
contains.

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Color

Yxy(67.2840, 0.4520, 0.4793)

Conversions

Conversions Part 1

Format	Color
Hex	FCD300
RGB	252, 211, 0
RGB Percent	99%, 83%, 0%
CMY	0.0116, 0.1726, 0.9997
CMYK	0.00, 0.16, 1.00, 0.01
HSL	50°, 100%, 49%
HSV	50°, 100%, 99%
XYZ	63.4516, 67.2840, 9.6441
YIQ	199.2050, 92.1670, -56.9290

Conversions

Conversions Part 2

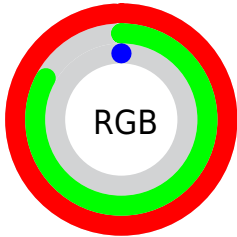
Format	Color
R _Y B	49, 252, 0
Decimal	16569088
CIE Lab	85.65, -1.14, 86.10
CIE LCh	86, 86.109, 90.761
Yxy	67.2840, 0.4520, 0.4793
Android (android.graphics.Color)	4294759168 (0xFFFC300)
YUV	199.2050, -98.2081, 46.3012
Hunter-Lab	82.0268, -5.4687, 50.4479

Details

The Yxy color **67.2840, 0.4520, 0.4793** 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 **8.6261, 0.1533, 0.0720**, and the grayscale version is **57.8260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4846, 0.4031, 0.4785**, and **35.0611, 0.4538, 0.4779** is the 20% darker color. If you saturate the color by 10%, you get **67.2815, 0.4520, 0.4793**, and if you desaturate by 10%, it is **69.4251, 0.4459, 0.4787**.

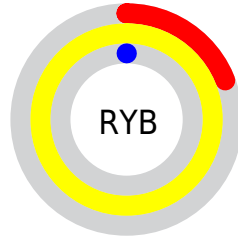
Distribution



Red (99%)

Green (83%)

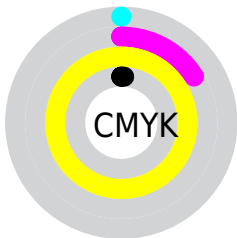
Blue (0%)



Red (19%)

Yellow (99%)

Blue (0%)

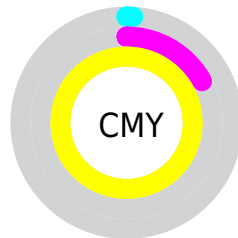


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2840, 0.4520, 0.4793 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 67.2840, 0.4520, 0.4793 by changing the saturation by 10% instead.


 67.2840, 0.4520,
0.4793


 67.2840, 0.4520,
0.4793


450.9550, 0.3966,
0.4190

 49.3155, 0.4608,
0.4890


 115.3273, 0.4357,
0.4614

 34.8698, 0.4694,
0.4988


 146.1708, 0.4284,
0.4535


 23.5626, 0.4773,
0.5078


 182.0747, 0.4218,
0.4463

 15.0095, 0.4841,
0.5159

 223.4235, 0.4158,
0.4398

 8.8260, 0.4834,
0.5166

 270.6016, 0.4103,
0.4338

 4.6279, 0.4825,
0.5175

 323.9932, 0.4053,

 2.0306, 0.4810,

0.4284

0.5190

383.9829, 0.4007,
0.4235

■ 0.6252, 0.4753,
0.5247

■ 0.0000, 0.0000,
0.0000

■ 67.2840, 0.4520,
0.4793

■ 67.2840, 0.4520,
0.4793


■ 67.2815, 0.4520,
0.4793

■ 69.4251, 0.4459,
0.4787


■ 71.7072, 0.4372,
0.4740


■ 74.1621, 0.4256,
0.4647


■ 76.8073, 0.4115,
0.4510

 79.6575, 0.3957,
0.4338

 82.7256, 0.3787,
0.4141

 86.0232, 0.3615,
0.3929

 89.5610, 0.3444,
0.3712

 93.3486, 0.3281,
0.3497

Harmonies

Analogous

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



67.2840, 0.5098, 0.4074



67.2840, 0.4520, 0.4793



67.2840, 0.3637, 0.5258

Triad

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



67.2840, 0.4520, 0.4793



67.2840, 0.1483, 0.2718



67.2840, 0.3319, 0.2172

Complementary

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



67.2840, 0.4520, 0.4793



8.6261, 0.1533, 0.0720

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.



67.2840, 0.2346, 0.1852



67.2840, 0.4520, 0.4793



67.2840, 0.1440, 0.2050

Square

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



67.2840, 0.4520, 0.4793



67.2840, 0.1894, 0.3841



67.2840, 0.1720, 0.1796



67.2840, 0.4405, 0.2706

Rectangle

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



67.2840, 0.4520, 0.4793



67.2840, 0.2992, 0.5166



67.2840, 0.1720, 0.1796



67.2840, 0.2963, 0.2038

Sweetspot

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



67.2873, 0.4520, 0.4793



88.3180, 0.3615, 0.3930



20.8730, 0.6192, 0.3185



18.5917, 0.3688, 0.4021



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.



67.2873, 0.4520, 0.4793



69.0761, 0.4520, 0.4793



77.9798, 0.3607, 0.5518



19.6808, 0.3273, 0.3487



35.2186, 0.4514, 0.4798



3.3861, 0.4469, 0.4834

Inverse Universe

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



8.6261, 0.1533, 0.0720



8.8441, 0.1533, 0.0719



8.9203, 0.1728, 0.0726



17.0997, 0.2979, 0.3085



4.6278, 0.1539, 0.0739



0.5555, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 67.2840, 0.4520, 0.4793 looks on a white background.

Color Contrast Check

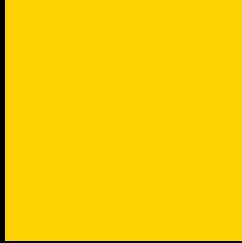
Large Text (above 18pt) WCAG AA × Fail

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 67.2840, 0.4520, 0.4793 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 67.2840, 0.4520, 0.4793

Background



This preview shows how black text looks on a background with the Yxy color 67.2840, 0.4520, 0.4793.



This preview shows how white text looks on a background with the Yxy color 67.2840, 0.4520, 0.4793.

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

67.2840, 0.4520, 0.4793

Protanopia

67.4978, 0.4401, 0.4872

Deuteranopia

67.3920, 0.4107, 0.4112



Tritanopia

67.3220, 0.3472, 0.3168

Trichromacy



Original Color

67.2840, 0.4520, 0.4793

Protanomaly

67.6991, 0.4443, 0.4844

Deuteranomaly

66.7618, 0.4363, 0.4490

Tritanomaly

66.0058, 0.4051, 0.4001

Monochromacy



Original Color

67.2840, 0.4520, 0.4793

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

59.1496, 0.3813, 0.4169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2840, 0.4520, 0.4793 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(252, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 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(252, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 0) }
```

Border

The CSS property to change the border of an element to Yxy 67.2840, 0.4520, 0.4793 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(252, 211, 0) }
```

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

```
.border{ border-color:rgb(252, 211, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 211, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2840, 0.4520, 0.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 0) }
```

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

```
.background{ background-color: rgb(252,  
211, 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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