

Converting Colors

Yxy(67.5481, 0.4462, 0.4827)

Have a look what the booklet for
Yxy(67.5481, 0.4462, 0.4827)
contains.

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Color

Yxy(67.5603, 0.4466, 0.4824)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F8D507 |
| RGB | 248, 213, 7 |
| RGB Percent | 97%, 84%, 3% |
| CMY | 0.0274, 0.1647, 0.9726 |
| CMYK | 0.00, 0.14, 0.97, 0.03 |
| HSL | 51°, 95%, 50% |
| HSV | 51°, 97%, 97% |
| XYZ | 62.5465, 67.5603, 9.9436 |
| YIQ | 199.9810, 86.9860, -56.6460 |

Conversions

Conversions Part 2

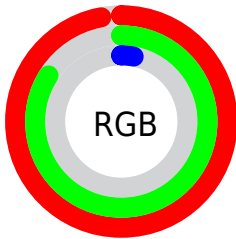
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 248, 7 |
| Decimal | 16307463 |
| CIELab | 85.79, -3.83, 85.43 |
| CIELCh | 86, 85.514, 92.568 |
| Yxy | 67.5603, 0.4466, 0.4824 |
| Android (android.graphics.Color) | 4294497543 (0xFFFF8D507) |
| YUV | 199.9810, -95.1396, 42.1127 |
| Hunter-Lab | 82.1951, -8.0115, 50.3639 |

Details

The Yxy color **67.5603, 0.4466, 0.4824** 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 **8.4780, 0.1542, 0.0732**, and the grayscale version is **58.3053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5182, 0.4024, 0.4773**, and **35.3611, 0.4485, 0.4821** is the 20% darker color. If you saturate the color by 10%, you get **67.0398, 0.4480, 0.4825**, and if you desaturate by 10%, it is **69.4837, 0.4405, 0.4806**.

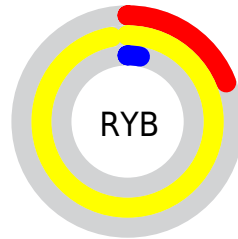
Distribution



Red (97%)

Green (84%)

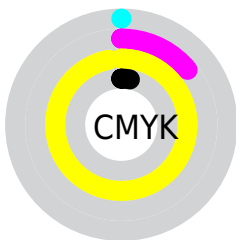
Blue (3%)



Red (19%)

Yellow (97%)

Blue (3%)

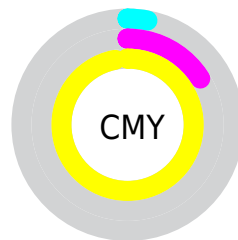


Cyan (0%)

Magenta (14%)

Yellow (97%)

Black (3%)



Cyan (3%)


Magenta (16%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5603, 0.4466, 0.4824 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 67.5603, 0.4466, 0.4824 by changing the saturation by 10% instead.


 67.5603, 0.4466,
0.4824

 67.5603, 0.4466,
0.4824


451.9366, 0.3936,
0.4199


 49.5401, 0.4549,
0.4928


 115.7229, 0.4311,
0.4636


 35.0481, 0.4630,
0.5034


 146.6341, 0.4241,
0.4554


 23.6999, 0.4702,
0.5135


 182.6111, 0.4178,
0.4479

 15.1112, 0.4765,
0.5235

 224.0382, 0.4120,
0.4412

 8.8975, 0.4743,
0.5257

 271.3000, 0.4068,
0.4351

 4.6744, 0.4712,
0.5288

 324.7807, 0.4020,

 2.0575, 0.4661,

0.4295

0.5339

384.8647, 0.3976,
0.4245

■ 0.6406, 0.4458,
0.5542

■ 0.0000, 0.0000,
0.0000

■ 67.5603, 0.4466,
0.4824

■ 67.5603, 0.4466,
0.4824


■ 67.0398, 0.4480,
0.4825

■ 69.4837, 0.4405,
0.4806


■ 71.5447, 0.4315,
0.4743


■ 73.7668, 0.4198,
0.4635


■ 76.1660, 0.4057,
0.4485

 78.7557, 0.3900,
0.4302

 81.5478, 0.3733,
0.4097

 84.5531, 0.3563,
0.3880

 87.7815, 0.3396,
0.3659

 91.2420, 0.3236,
0.3441

Harmonies

Analogous

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



67.5603, 0.5064, 0.4117



67.5603, 0.4466, 0.4824



67.5603, 0.3579, 0.5251

Triad

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



67.5603, 0.4466, 0.4824



67.5603, 0.1482, 0.2670



67.5603, 0.3384, 0.2206

Complementary

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



67.5603, 0.4466, 0.4824



8.4780, 0.1542, 0.0732

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.



67.5603, 0.2402, 0.1873



67.5603, 0.4466, 0.4824



67.5603, 0.1458, 0.2034

Square

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



67.5603, 0.4466, 0.4824



67.5603, 0.1867, 0.3762



67.5603, 0.1757, 0.1800



67.5603, 0.4453, 0.2747

Rectangle

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



67.5603, 0.4466, 0.4824



67.5603, 0.2938, 0.5119



67.5603, 0.1757, 0.1800



67.5603, 0.3027, 0.2068

Sweetspot

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



67.5636, 0.4466, 0.4824



89.4560, 0.3595, 0.3921



20.2851, 0.6162, 0.3186



18.8524, 0.3667, 0.4014



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.



67.5636, 0.4466, 0.4824



71.3844, 0.4481, 0.4824



75.0111, 0.3593, 0.5517



19.7357, 0.3272, 0.3491



36.3730, 0.4475, 0.4829



3.4823, 0.4436, 0.4860

Inverse Universe

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



8.4780, 0.1542, 0.0732



8.5453, 0.1527, 0.0697



9.1710, 0.1781, 0.0764



17.0496, 0.2979, 0.3081



4.4637, 0.1532, 0.0716



0.5320, 0.1581, 0.0891

Previews

White Background



This preview shows how the Yxy color 67.5603, 0.4466, 0.4824 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 67.5603, 0.4466, 0.4824 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 67.5603, 0.4466, 0.4824

Background



This preview shows how black text looks on a background with the Yxy color 67.5603, 0.4466, 0.4824.



This preview shows how white text looks on a background with the Yxy color 67.5603, 0.4466, 0.4824.

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

67.5603, 0.4466, 0.4824

Protanopia

67.4978, 0.4401, 0.4872

Deuteranopia

67.4442, 0.4093, 0.4093



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.5603, 0.4466, 0.4824

Protanomaly

67.3438, 0.4426, 0.4854

Deuteranomaly

66.9365, 0.4321, 0.4481

Tritanomaly

66.1931, 0.4008, 0.3986

Monochromacy



Original Color

67.5603, 0.4466, 0.4824

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

60.0261, 0.3774, 0.4159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5603, 0.4466, 0.4824 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(248, 213, 7)` looks like.

```
.text, #text, p{  
    color:rgb(248, 213, 7)  
}
```

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(248, 213, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 213, 7) }
```

Border

The CSS property to change the border of an element to Yxy 67.5603, 0.4466, 0.4824 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(248, 213, 7) }
```

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

```
.border{ border-color:rgb(248, 213, 7) }
```

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

Here you see how a box with a 4 pixel rgb(248, 213, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 213, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 213, 7);  
box-shadow:4px 4px 4px 4px rgb(248, 213,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5603, 0.4466, 0.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 213, 7) }
```

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

```
.background{ background-color: rgb(248,  
213, 7) }
```

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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