

Converting Colors

Yxy(66.4013, 0.4380, 0.4694)

Have a look what the booklet for
Yxy(66.4013, 0.4380, 0.4694)
contains.

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Color

Yxy(66.4477, 0.4380, 0.4697)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6D336 |
| RGB | 246, 211, 54 |
| RGB Percent | 96%, 83%, 21% |
| CMY | 0.0354, 0.1725, 0.7880 |
| CMYK | 0.00, 0.14, 0.78, 0.04 |
| HSL | 49°, 91%, 59% |
| HSV | 49°, 78%, 96% |
| XYZ | 61.9632, 66.4477, 13.0575 |
| YIQ | 203.5670, 71.2570, -41.4070 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 97, 246, 54 |
| Decimal | 16175926 |
| CIE Lab | 85.22, -2.77, 75.90 |
| CIE LCh | 85, 75.948, 92.087 |
| Yxy | 66.4477, 0.4380, 0.4697 |
| Android (android.graphics.Color) | 4294366006 (0xFFFF6D336) |
| YUV | 203.5670, -73.7365, 37.2137 |
| Hunter-Lab | 81.5155, -6.9671, 47.5635 |

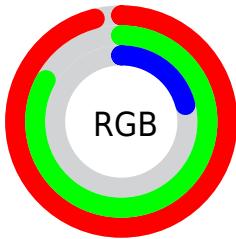
Details

The Yxy color **66.4477, 0.4380, 0.4697** is a light color, and the websafe version is hex **FFCC33**.

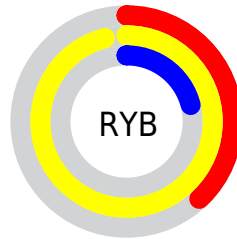
The color can be described as light washed yellow. A complement of this color would be **14.5904, 0.1736, 0.1166**, and the grayscale version is **60.5418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9723, 0.3930, 0.4618**, and **34.4282, 0.4488, 0.4819** is the 20% darker color. If you saturate the color by 10%, you get **64.0785, 0.4480, 0.4751**, and if you desaturate by 10%, it is **69.0022, 0.4252, 0.4597**.

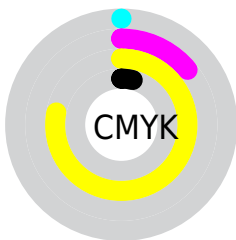
Distribution



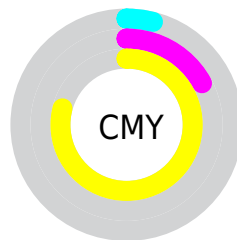
- Red (96%)
- Green (83%)
- Blue (21%)



- Red (38%)
- Yellow (96%)
- Blue (21%)



- Cyan (0%)
- Magenta (14%)
- Yellow (78%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4477, 0.4380, 0.4697 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 66.4477, 0.4380, 0.4697 by changing the saturation by 10% instead.

 66.4477, 0.4380,
0.4697


 66.4477, 0.4380,
0.4697


447.9763, 0.3860,
0.4102


 48.6359, 0.4471,
0.4804

 114.1287, 0.4220,
0.4511

 34.3308, 0.4566,
0.4919


 144.7666, 0.4151,
0.4432

 23.1478, 0.4658,
0.5036

 180.4488, 0.4090,
0.4362

 14.7027, 0.4770,
0.5179

 221.5596, 0.4034,
0.4299

 8.6110, 0.4779,
0.5221

 268.4833, 0.3984,
0.4242

 4.4883, 0.4756,
0.5244

321.6044, 0.3938,

 1.9503, 0.4718,

0.4191

0.5282

381.3073, 0.3897,
0.4144

■ 0.5784, 0.4547,
0.5453

■ 0.0000, 0.0000,
0.0000

■ 66.4477, 0.4380,
0.4697

■ 66.4477, 0.4380,
0.4697

■ 64.0785, 0.4480,
0.4751

■ 69.0022, 0.4252,
0.4597


■ 61.8633, 0.4551,
0.4759

■ 71.7483, 0.4101,
0.4455


■ 61.4371, 0.4564,
0.4758

■ 74.7029, 0.3934,
0.4280

■ 77.8780, 0.3759,
0.4083

 81.2844, 0.3584,
0.3874

 84.9322, 0.3413,
0.3661

 88.8306, 0.3250,
0.3452

 92.9883, 0.3098,
0.3251

 96.0252, 0.3073,
0.3255

Harmonies

Analogous

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



66.4477, 0.4895, 0.4071



66.4477, 0.4380, 0.4697



66.4477, 0.3580, 0.5039

Triad

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



66.4477, 0.4380, 0.4697



66.4477, 0.1626, 0.2762



66.4477, 0.3349, 0.2294

Complementary

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



66.4477, 0.4380, 0.4697



14.5904, 0.1736, 0.1166

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.



66.4477, 0.2463, 0.1988



66.4477, 0.4380, 0.4697



66.4477, 0.1592, 0.2162

Square

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



66.4477, 0.4380, 0.4697



66.4477, 0.2001, 0.3735



66.4477, 0.1868, 0.1929



66.4477, 0.4301, 0.2797

Rectangle

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



66.4477, 0.4380, 0.4697



66.4477, 0.2994, 0.4906



66.4477, 0.1868, 0.1929



66.4477, 0.3030, 0.2167

Sweetspot

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



66.4509, 0.4380, 0.4697



90.1510, 0.3498, 0.3768



22.9600, 0.5422, 0.3026



18.9931, 0.3560, 0.3845



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.



66.4509, 0.4380, 0.4697



68.0432, 0.4527, 0.4761



76.5087, 0.3686, 0.5254



18.7699, 0.3273, 0.3482



32.9886, 0.4557, 0.4764



3.0300, 0.4503, 0.4807

Inverse Universe

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



14.5904, 0.1736, 0.1166



10.4499, 0.1575, 0.0830



12.9316, 0.1980, 0.1024



16.4150, 0.2979, 0.3090



4.6911, 0.1547, 0.0768



0.5444, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 66.4477, 0.4380, 0.4697 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 66.4477, 0.4380, 0.4697 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 66.4477, 0.4380, 0.4697

Background



This preview shows how black text looks on a background with the Yxy color 66.4477, 0.4380, 0.4697.



This preview shows how white text looks on a background with the Yxy color 66.4477, 0.4380, 0.4697.

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

66.4477, 0.4380, 0.4697

Protanopia

66.2151, 0.4306, 0.4746

Deuteranopia

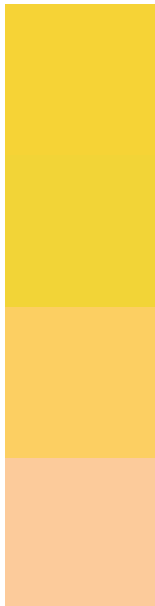
66.3527, 0.4139, 0.4120



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.4477, 0.4380, 0.4697

Protanomaly

66.2400, 0.4338, 0.4722

Deuteranomaly

66.2029, 0.4260, 0.4361

Tritanomaly

65.7739, 0.3889, 0.3794

Monochromacy



Original Color

66.4477, 0.4380, 0.4697

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.8556, 0.3647, 0.3961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4477, 0.4380, 0.4697 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(246, 211, 54)` looks like.

```
.text, #text, p{  
    color:rgb(246, 211, 54)  
}
```

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(246, 211, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 211, 54) }
```

Border

The CSS property to change the border of an element to Yxy 66.4477, 0.4380, 0.4697 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(246, 211, 54) }
```

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

```
.border{ border-color:rgb(246, 211, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 211, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 211, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 211, 54);  
box-shadow:4px 4px 4px 4px rgb(246, 211,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4477, 0.4380, 0.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 211, 54) }
```

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

```
.background{ background-color: rgb(246,  
211, 54) }
```

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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