

Converting Colors

Yxy(65.4068, 0.4346, 0.4626)

Have a look what the booklet for
Yxy(65.4068, 0.4346, 0.4626)
contains.

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Color

Yxy(65.4068, 0.4346, 0.4626)

Conversions

Conversions Part 1

Format	Color
Hex	F5D142
RGB	245, 209, 66
RGB Percent	96%, 82%, 26%
CMY	0.0391, 0.1804, 0.7413
CMYK	0.00, 0.15, 0.73, 0.04
HSL	48°, 90%, 61%
HSV	48°, 73%, 96%
XYZ	61.4479, 65.4068, 14.5348
YIQ	203.4620, 67.3590, -36.8410

Conversions

Conversions Part 2

Format	Color
R_{YB}	111, 245, 66
Decimal	16109890
CIE _{Lab}	84.69, -1.68, 71.39
CIE _{LCh}	85, 71.414, 91.348
Yxy	65.4068, 0.4346, 0.4626
Android (android.graphics.Color)	4294299970 (0xFFFF5D142)
YUV	203.4620, -67.7688, 36.4288
Hunter-Lab	80.8745, -5.9072, 45.9565

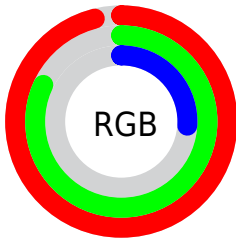
Details

The Yxy color **65.4068, 0.4346, 0.4626** is a light color, and the websafe version is hex **FFCC33**.

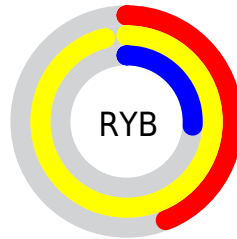
The color can be described as light washed yellow. A complement of this color would be **17.2558, 0.1817, 0.1335**, and the grayscale version is **60.4317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2101, 0.3884, 0.4541**, and **33.7570, 0.4511, 0.4800** is the 20% darker color. If you saturate the color by 10%, you get **62.7978, 0.4467, 0.4701**, and if you desaturate by 10%, it is **68.2207, 0.4199, 0.4507**.

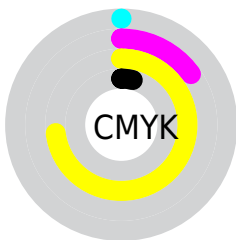
Distribution



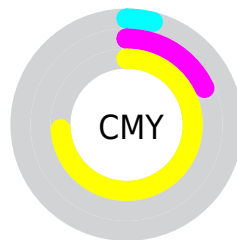
- Red (96%)
- Green (82%)
- Blue (26%)



- Red (44%)
- Yellow (96%)
- Blue (26%)



- Cyan (0%)
- Magenta (15%)
- Yellow (73%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4068, 0.4346, 0.4626 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 65.4068, 0.4346, 0.4626 by changing the saturation by 10% instead.

 65.4068, 0.4346,
0.4626

 65.4068, 0.4346,
0.4626


444.2524, 0.3829,
0.4053

 47.7910, 0.4440,
0.4733


 112.6345, 0.4184,
0.4445


 33.6614, 0.4542,
0.4849


 143.0152, 0.4115,
0.4368


 22.6336, 0.4646,
0.4970


 178.4197, 0.4054,
0.4301

 14.3232, 0.4757,
0.5102

 219.2323, 0.3999,
0.4240

 8.3458, 0.4815,
0.5185

 265.8375, 0.3950,
0.4186

 4.3170, 0.4801,
0.5199

318.6197, 0.3905,

 1.8524, 0.4777,

0.4137

0.5223

377.9632, 0.3865,
0.4093

■ 0.5195, 0.4657,
0.5343

■ 0.0000, 0.0000,
0.0000

■ 65.4068, 0.4346,
0.4626

■ 65.4068, 0.4346,
0.4626

■ 62.7978, 0.4467,
0.4701

■ 68.2207, 0.4199,
0.4507


■ 60.3665, 0.4559,
0.4727


■ 71.2446, 0.4033,
0.4350


■ 58.7714, 0.4608,
0.4723


■ 74.4947, 0.3857,
0.4166


■ 77.9824, 0.3677,
0.3966

 81.7181, 0.3501,
0.3758

 85.7115, 0.3332,
0.3551

 89.9716, 0.3173,
0.3350

 94.0482, 0.3067,
0.3226

 97.1279, 0.3066,
0.3274

Harmonies

Analogous

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



65.4068, 0.4817, 0.4036



65.4068, 0.4346, 0.4626



65.4068, 0.3590, 0.4941

Triad

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



65.4068, 0.4346, 0.4626



65.4068, 0.1699, 0.2816



65.4068, 0.3318, 0.2329

Complementary

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



65.4068, 0.4346, 0.4626



17.2558, 0.1817, 0.1335

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.



65.4068, 0.2480, 0.2040



65.4068, 0.4346, 0.4626



65.4068, 0.1655, 0.2228

Square

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



65.4068, 0.4346, 0.4626



65.4068, 0.2072, 0.3738



65.4068, 0.1915, 0.1991



65.4068, 0.4218, 0.2810

Rectangle

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



65.4068, 0.4346, 0.4626



65.4068, 0.3031, 0.4817



65.4068, 0.1915, 0.1991



65.4068, 0.3017, 0.2208

Sweetspot

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



65.4099, 0.4346, 0.4626



89.9056, 0.3483, 0.3736



24.3263, 0.5125, 0.2957



18.9980, 0.3530, 0.3793



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.



65.4099, 0.4346, 0.4626



67.3702, 0.4518, 0.4720



77.2265, 0.3724, 0.5138



18.7138, 0.3274, 0.3478



31.8536, 0.4600, 0.4729



2.9399, 0.4539, 0.4778

Inverse Universe

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



17.2558, 0.1817, 0.1335



12.6413, 0.1632, 0.0974



14.2488, 0.2013, 0.1115



16.4667, 0.2979, 0.3095



4.9037, 0.1555, 0.0798



0.5704, 0.1615, 0.1013

Previews

White Background



This preview shows how the Yxy color 65.4068, 0.4346, 0.4626 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 65.4068, 0.4346, 0.4626 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 65.4068, 0.4346, 0.4626

Background



This preview shows how black text looks on a background with the Yxy color 65.4068, 0.4346, 0.4626.



This preview shows how white text looks on a background with the Yxy color 65.4068, 0.4346, 0.4626.

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

65.4068, 0.4346, 0.4626

Protanopia

65.4967, 0.4255, 0.4685

Deuteranopia

65.2562, 0.4191, 0.4156



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.4068, 0.4346, 0.4626

Protanomaly

65.5190, 0.4286, 0.4662

Deuteranomaly

65.0537, 0.4265, 0.4348

Tritanomaly

64.7511, 0.3866, 0.3745

Monochromacy



Original Color

65.4068, 0.4346, 0.4626

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.8680, 0.3615, 0.3895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4068, 0.4346, 0.4626 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(245, 209, 66)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 66)  
}
```

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(245, 209, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 66) }
```

Border

The CSS property to change the border of an element to Yxy 65.4068, 0.4346, 0.4626 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(245, 209, 66) }
```

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

```
.border{ border-color:rgb(245, 209, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 209, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 66);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4068, 0.4346, 0.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 66) }
```

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

```
.background{ background-color: rgb(245,  
209, 66) }
```

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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