

Converting Colors

Yxy(67.3118, 0.4304, 0.4964)

Have a look what the booklet for
Yxy(67.3118, 0.4304, 0.4964)
contains.

Yxy(67.2986, 0.4304, 0.4964)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.2986, 0.4304, 0.4964)

Conversions

Conversions Part 1

Format	Color
Hex	E8DA00
RGB	232, 218, 0
RGB Percent	91%, 85%, 0%
CMY	0.0902, 0.1451, 0.9986
CMYK	0.00, 0.06, 1.00, 0.09
HSL	56°, 100%, 46%
HSV	56°, 100%, 91%
XYZ	58.3508, 67.2986, 9.9240
YIQ	197.3340, 78.3220, -64.8300

Conversions

Conversions Part 2

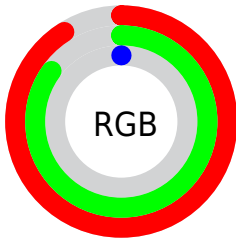
Format	Color
RYB	15, 232, 0
Decimal	15260160
CIELab	85.65, -13.21, 85.26
CIELCh	86, 86.278, 98.810
Yxy	67.2986, 0.4304, 0.4964
Android (android.graphics.Color)	4293450240 (0xFFE8DA00)
YUV	197.3340, -97.2857, 30.4021
Hunter-Lab	82.0357, -16.5982, 50.2526

Details

The Yxy color **67.2986, 0.4304, 0.4964** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.1518, 0.1509, 0.0630**, and the grayscale version is **56.6385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4846, 0.4031, 0.4785**, and **35.3216, 0.4276, 0.4987** is the 20% darker color. If you saturate the color by 10%, you get **67.2898, 0.4304, 0.4964**, and if you desaturate by 10%, it is **68.0950, 0.4271, 0.4940**.

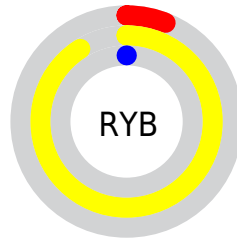
Distribution



Red (91%)

Green (85%)

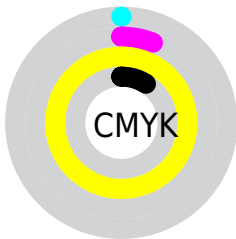
Blue (0%)



Red (6%)

Yellow (91%)

Blue (0%)

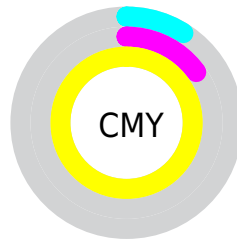


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (9%)



Cyan (9%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2986, 0.4304, 0.4964 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 67.2986, 0.4304, 0.4964 by changing the saturation by 10% instead.

 67.2986, 0.4304,
0.4964


 67.2986, 0.4304,
0.4964


451.0069, 0.3853,
0.4255


 49.3273, 0.4369,
0.5090


 115.3482, 0.4176,
0.4744


 34.8792, 0.4427,
0.5224


 146.1953, 0.4118,
0.4650


 23.5698, 0.4469,
0.5361


 182.1031, 0.4064,
0.4565

 15.0148, 0.4492,
0.5508

 223.4560, 0.4014,
0.4490

 8.8298, 0.4417,
0.5583

 270.6385, 0.3968,
0.4422

 4.6303, 0.4304,
0.5696


 324.0348, 0.3926,

 2.0320, 0.4118,


0.4361


0.5882


384.0295, 0.3888,
0.4305


 0.6260, 0.3032,
0.6968


 0.0000, 0.0000,
0.0000


 67.2986, 0.4304,
0.4964


 67.2986, 0.4304,
0.4964

 67.2898, 0.4304,
0.4964

 68.0950, 0.4271,
0.4940

 68.9701, 0.4214,
0.4878

 69.9506, 0.4131,
0.4771

 71.0504, 0.4021,
0.4622

■ 72.2811, 0.3891,
0.4437

■ 73.6530, 0.3744,
0.4224

■ 75.1752, 0.3589,
0.3994

■ 76.8561, 0.3431,
0.3756

■ 78.7035, 0.3275,
0.3518

Harmonies

Analogous

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



67.2986, 0.4991, 0.4272



67.2986, 0.4304, 0.4964



67.2986, 0.3378, 0.5276

Triad

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



67.2986, 0.4304, 0.4964



67.2986, 0.1436, 0.2490



67.2986, 0.3618, 0.2296

Complementary

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



67.2986, 0.4304, 0.4964



6.1518, 0.1509, 0.0630

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.



67.2986, 0.2576, 0.1912



67.2986, 0.4304, 0.4964



67.2986, 0.1481, 0.1944

Square

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



67.2986, 0.4304, 0.4964



67.2986, 0.1742, 0.3508



67.2986, 0.1850, 0.1781



67.2986, 0.4655, 0.2873

Rectangle

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



67.2986, 0.4304, 0.4964



67.2986, 0.2737, 0.5008



67.2986, 0.1850, 0.1781



67.2986, 0.3248, 0.2142

Sweetspot

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



67.3018, 0.4304, 0.4964



93.1019, 0.3594, 0.4001



17.1997, 0.6343, 0.3269



19.7521, 0.3661, 0.4100



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.



67.3018, 0.4304, 0.4964



83.3444, 0.4305, 0.4964



62.5866, 0.3453, 0.5640



16.6602, 0.3269, 0.3508



37.4260, 0.4302, 0.4966



2.8112, 0.4285, 0.4980

Inverse Universe

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



6.1518, 0.1509, 0.0630



7.5731, 0.1507, 0.0626



8.5851, 0.1888, 0.0814



14.0261, 0.2980, 0.3062



3.4688, 0.1511, 0.0639



0.3059, 0.1541, 0.0747

Previews

White Background



This preview shows how the Yxy color 67.2986, 0.4304, 0.4964 looks on a white background.

Color Contrast Check

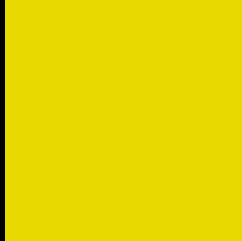
Large Text (above 18pt) WCAG AA × Fail

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 67.2986, 0.4304, 0.4964 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 67.2986, 0.4304, 0.4964

Background



This preview shows how black text looks on a background with the Yxy color 67.2986, 0.4304, 0.4964.



This preview shows how white text looks on a background with the Yxy color 67.2986, 0.4304, 0.4964.

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

67.2986, 0.4304, 0.4964

Protanopia

67.4781, 0.4408, 0.4882

Deuteranopia

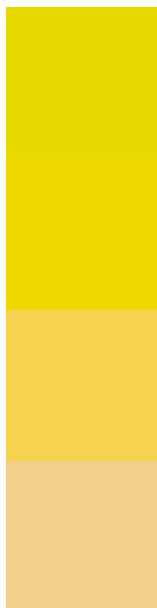
66.9090, 0.4113, 0.4102



Tritanopia

67.1863, 0.3343, 0.3134

Trichromacy



Original Color

67.2986, 0.4304, 0.4964

Protanomaly

67.2889, 0.4368, 0.4914

Deuteranomaly

66.4465, 0.4293, 0.4539

Tritanomaly

65.5011, 0.3889, 0.4033

Monochromacy



Original Color

67.2986, 0.4304, 0.4964

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

58.8449, 0.3750, 0.4234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2986, 0.4304, 0.4964 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(232, 218, 0)` looks like.

```
.text, #text, p{  
  color:rgb(232, 218, 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(232, 218, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 0) }
```

Border

The CSS property to change the border of an element to Yxy 67.2986, 0.4304, 0.4964 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(232, 218, 0) }
```

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

```
.border{ border-color:rgb(232, 218, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 218, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2986, 0.4304, 0.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 0) }
```

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

```
.background{ background-color: rgb(232,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor