

Converting Colors

Yxy(66.3112, 0.4277, 0.4878)

Have a look what the booklet for
Yxy(66.3112, 0.4277, 0.4878)
contains.

Yxy(66.4011, 0.4275, 0.4880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.4011, 0.4275, 0.4880)

Conversions

Conversions Part 1

Format	Color
Hex	E8D825
RGB	232, 216, 37
RGB Percent	91%, 85%, 15%
CMY	0.0902, 0.1529, 0.8550
CMYK	0.00, 0.07, 0.84, 0.09
HSL	55°, 81%, 53%
HSV	55°, 84%, 91%
XYZ	58.1690, 66.4011, 11.4977
YIQ	200.3780, 66.9950, -52.2770

Conversions

Conversions Part 2

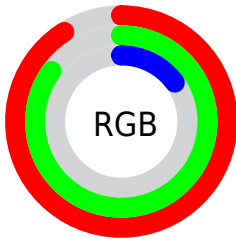
Format	Color
RYB	54, 232, 37
Decimal	15259685
CIELab	85.20, -11.70, 79.95
CIElCh	85, 80.803, 98.325
Yxy	66.4011, 0.4275, 0.4880
Android (android.graphics.Color)	4293449765 (0xFFE8D825)
YUV	200.3780, -80.5454, 27.7325
Hunter-Lab	81.4869, -15.1807, 48.6750

Details

The Yxy color **66.4011, 0.4275, 0.4880** 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 **8.7623, 0.1619, 0.0855**, and the grayscale version is **58.4801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7393, 0.3978, 0.4696**, and **34.6113, 0.4298, 0.4969** is the 20% darker color. If you saturate the color by 10%, you get **65.3324, 0.4326, 0.4921**, and if you desaturate by 10%, it is **67.5797, 0.4196, 0.4795**.

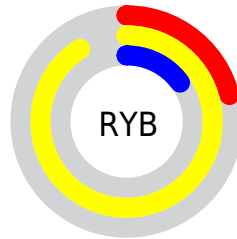
Distribution



Red (91%)

Green (85%)

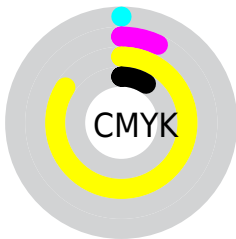
Blue (15%)



Red (21%)

Yellow (91%)

Blue (15%)

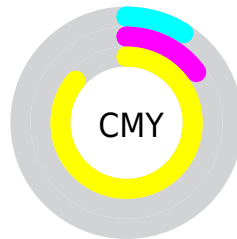


Cyan (0%)

Magenta (7%)

Yellow (84%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4011, 0.4275, 0.4880 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 66.4011, 0.4275, 0.4880 by changing the saturation by 10% instead.

66.4011, 0.4275,
0.4880

66.4011, 0.4275,
0.4880

447.8100, 0.3820,
0.4195

48.5981, 0.4346,
0.5006

114.0618, 0.4141,
0.4664

34.3008, 0.4415,
0.5143

144.6883, 0.4082,
0.4573

23.1247, 0.4471,
0.5285

180.3581, 0.4027,
0.4491

14.6856, 0.4534,
0.5466

221.4555, 0.3978,
0.4419

8.5991, 0.4467,
0.5533

268.3651, 0.3933,
0.4354

4.4806, 0.4365,
0.5635


321.4710, 0.3892,

1.9459, 0.4197,


0.4295


0.5803


381.1579, 0.3854,
0.4243


 0.5757, 0.3124,
0.6876


 0.0000, 0.0000,
0.0000


 66.4011, 0.4275,
0.4880


 66.4011, 0.4275,
0.4880

 65.3324, 0.4326,
0.4921

 67.5797, 0.4196,
0.4795

 64.7313, 0.4347,
0.4931


 68.8741, 0.4091,
0.4665


 70.2999, 0.3963,
0.4496

 71.8679, 0.3817,
0.4297

 73.5877, 0.3661,
0.4076

 75.4679, 0.3501,
0.3845

 77.5167, 0.3342,
0.3610

 79.7415, 0.3188,
0.3381

 82.1492, 0.3042,
0.3161

Harmonies

Analogous

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



66.4011, 0.4911, 0.4236



66.4011, 0.4275, 0.4880



66.4011, 0.3397, 0.5154

Triad

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



66.4011, 0.4275, 0.4880



66.4011, 0.1516, 0.2554



66.4011, 0.3577, 0.2337

Complementary

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



66.4011, 0.4275, 0.4880



8.7623, 0.1619, 0.0855

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.



66.4011, 0.2595, 0.1970



66.4011, 0.4275, 0.4880



66.4011, 0.1551, 0.2018

Square

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



66.4011, 0.4275, 0.4880



66.4011, 0.1823, 0.3520



66.4011, 0.1904, 0.1850



66.4011, 0.4553, 0.2891

Rectangle

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



66.4011, 0.4275, 0.4880



66.4011, 0.2785, 0.4902



66.4011, 0.1904, 0.1850



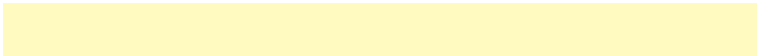
66.4011, 0.3229, 0.2190

Sweetspot

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



66.4042, 0.4275, 0.4880



93.2615, 0.3518, 0.3870



18.7366, 0.5911, 0.3202



19.7823, 0.3575, 0.3952



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.



66.4042, 0.4275, 0.4880



80.1531, 0.4348, 0.4930



64.4029, 0.3543, 0.5445



16.6042, 0.3270, 0.3504



36.0245, 0.4344, 0.4933



2.7222, 0.4320, 0.4952

Inverse Universe

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



8.7623, 0.1619, 0.0855



7.7533, 0.1511, 0.0640



11.0155, 0.2047, 0.0992



14.0761, 0.2980, 0.3067



3.5661, 0.1515, 0.0655



0.3298, 0.1555, 0.0798

Previews

White Background



This preview shows how the Yxy color 66.4011, 0.4275, 0.4880 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 66.4011, 0.4275, 0.4880 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 66.4011, 0.4275, 0.4880

Background



This preview shows how black text looks on a background with the Yxy color 66.4011, 0.4275, 0.4880.



This preview shows how white text looks on a background with the Yxy color 66.4011, 0.4275, 0.4880.

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

66.4011, 0.4275, 0.4880

Protanopia

66.2411, 0.4365, 0.4815

Deuteranopia

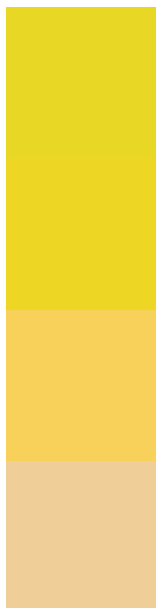
66.2787, 0.4159, 0.4148



Tritanopia

66.1955, 0.3353, 0.3123

Trichromacy



Original Color

66.4011, 0.4275, 0.4880

Protanomaly

66.2250, 0.4333, 0.4840

Deuteranomaly

66.1133, 0.4250, 0.4460

Tritanomaly

64.9349, 0.3802, 0.3877

Monochromacy



Original Color

66.4011, 0.4275, 0.4880

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

60.0627, 0.3650, 0.4057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4011, 0.4275, 0.4880 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, 216, 37)` looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 37)  
}
```

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, 216, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 37) }
```

Border

The CSS property to change the border of an element to Yxy 66.4011, 0.4275, 0.4880 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, 216, 37) }
```

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

```
.border{ border-color:rgb(232, 216, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 37);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4011, 0.4275, 0.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 37) }
```

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

```
.background{ background-color: rgb(232,  
216, 37) }
```

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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