

Converting Colors

Yxy(66.4354, 0.4329, 0.4945)

Have a look what the booklet for
Yxy(66.4354, 0.4329, 0.4945)
contains.

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Color

Yxy(66.4354, 0.4329, 0.4945)

Conversions

Conversions Part 1

Format	Color
Hex	E9D800
RGB	233, 216, 0
RGB Percent	91%, 85%, 0%
CMY	0.0863, 0.1529, 1.0000
CMYK	0.00, 0.07, 1.00, 0.09
HSL	56°, 100%, 46%
HSV	56°, 100%, 91%
XYZ	58.1595, 66.4354, 9.7537
YIQ	196.4590, 79.4680, -63.5720

Conversions

Conversions Part 2

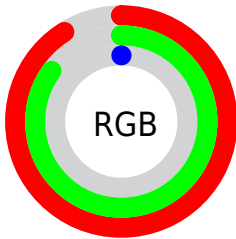
Format	Color
R _Y B	18, 233, 0
Decimal	15325184
CIE Lab	85.22, -11.80, 85.03
CIE LCh	85, 85.840, 97.900
Yxy	66.4354, 0.4329, 0.4945
Android (android.graphics.Color)	4293515264 (0xFFE9D800)
YUV	196.4590, -96.8543, 32.0465
Hunter-Lab	81.5079, -15.2712, 49.9606

Details

The Yxy color **66.4354, 0.4329, 0.4945** 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 **6.2838, 0.1510, 0.0637**, and the grayscale version is **56.0527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4846, 0.4031, 0.4785**, and **34.6113, 0.4298, 0.4969** is the 20% darker color. If you saturate the color by 10%, you get **66.4388, 0.4329, 0.4945**, and if you desaturate by 10%, it is **67.3771, 0.4293, 0.4923**.

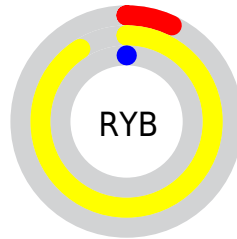
Distribution



Red (91%)

Green (85%)

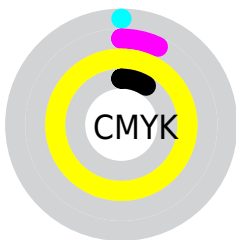
Blue (0%)



Red (7%)

Yellow (91%)

Blue (0%)

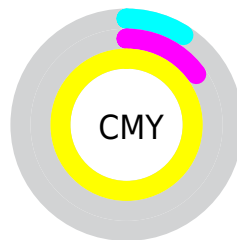


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4354, 0.4329, 0.4945 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 66.4354, 0.4329, 0.4945 by changing the saturation by 10% instead.


 66.4354, 0.4329,
0.4945


 66.4354, 0.4329,
0.4945


447.9324, 0.3865,
0.4246


 48.6259, 0.4397,
0.5068


 114.1110, 0.4197,
0.4729


 34.3228, 0.4458,
0.5199


 144.7460, 0.4136,
0.4636

 23.1417, 0.4505,
0.5331


 180.4249, 0.4081,
0.4553

 14.6982, 0.4531,
0.5469

 221.5321, 0.4030,
0.4478

 8.6078, 0.4463,
0.5537

 268.4521, 0.3983,
0.4411

 4.4863, 0.4361,
0.5639


 321.5692, 0.3940,


 1.9491, 0.4192,


0.4351


0.5808


381.2678, 0.3901,
0.4296


 0.5777, 0.3112,
0.6888


 0.0000, 0.0000,
0.0000


 66.4354, 0.4329,
0.4945


 66.4354, 0.4329,
0.4945

 66.4388, 0.4329,
0.4945

 67.3771, 0.4293,
0.4923

 68.4004, 0.4233,
0.4863

 69.5326, 0.4146,
0.4758

 70.7880, 0.4034,
0.4611

■ 72.1783, 0.3900,
0.4428

■ 73.7139, 0.3752,
0.4217

■ 75.4041, 0.3594,
0.3989

■ 77.2574, 0.3435,
0.3754

■ 79.2816, 0.3278,
0.3519

Harmonies

Analogous

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



66.4354, 0.5004, 0.4250



66.4354, 0.4329, 0.4945



66.4354, 0.3408, 0.5276

Triad

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



66.4354, 0.4329, 0.4945



66.4354, 0.1441, 0.2514



66.4354, 0.3584, 0.2282

Complementary

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



66.4354, 0.4329, 0.4945



6.2838, 0.1510, 0.0637

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.



66.4354, 0.2549, 0.1904



66.4354, 0.4329, 0.4945



66.4354, 0.1476, 0.1956

Square

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



66.4354, 0.4329, 0.4945



66.4354, 0.1758, 0.3545



66.4354, 0.1835, 0.1782



66.4354, 0.4627, 0.2854

Rectangle

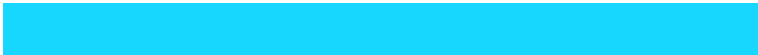
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4354, 0.4329, 0.4945



66.4354, 0.2766, 0.5028



66.4354, 0.1835, 0.1782



66.4354, 0.3215, 0.2130

Sweetspot

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



66.4388, 0.4329, 0.4945



92.5064, 0.3597, 0.3993



17.3720, 0.6327, 0.3259



19.6072, 0.3664, 0.4091



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.



66.4388, 0.4329, 0.4945



81.4834, 0.4330, 0.4944



63.5046, 0.3477, 0.5621



17.4279, 0.3270, 0.3506



37.7784, 0.4327, 0.4947



3.0228, 0.4306, 0.4963

Inverse Universe

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



6.2838, 0.1510, 0.0637



7.6722, 0.1510, 0.0634



8.4291, 0.1858, 0.0797



14.7253, 0.2980, 0.3064



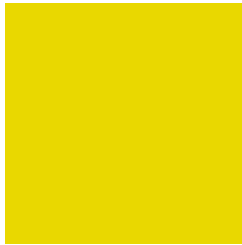
3.6313, 0.1513, 0.0647



0.3469, 0.1547, 0.0769

Previews

White Background



This preview shows how the Yxy color 66.4354, 0.4329, 0.4945 looks on a white background.

Color Contrast Check

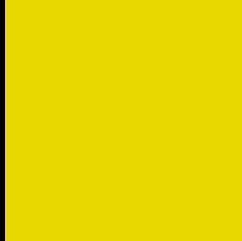
Large Text (above 18pt) WCAG AA × Fail

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 66.4354, 0.4329, 0.4945 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 66.4354, 0.4329, 0.4945

Background



This preview shows how black text looks on a background with the Yxy color 66.4354, 0.4329, 0.4945.

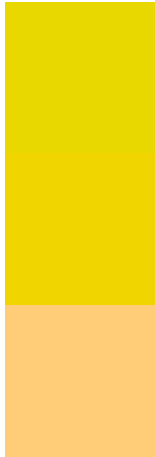


This preview shows how white text looks on a background with the Yxy color 66.4354, 0.4329, 0.4945.

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

66.4354, 0.4329, 0.4945

Protanopia

66.1138, 0.4409, 0.4881

Deuteranopia

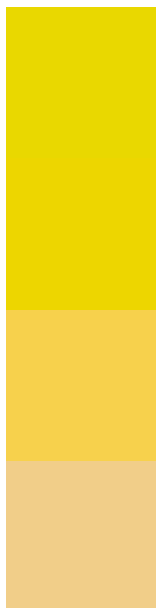
66.2787, 0.4159, 0.4148



Tritanopia

66.3240, 0.3369, 0.3134

Trichromacy



Original Color

66.4354, 0.4329, 0.4945

Protanomaly

66.0977, 0.4377, 0.4906

Deuteranomaly

65.8969, 0.4319, 0.4556

Tritanomaly

64.6495, 0.3920, 0.4032

Monochromacy



Original Color

66.4354, 0.4329, 0.4945

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.7478, 0.3750, 0.4217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4354, 0.4329, 0.4945 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(233, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 216, 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(233, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 216, 0) }
```

Border

The CSS property to change the border of an element to Yxy 66.4354, 0.4329, 0.4945 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(233, 216, 0) }
```

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

```
.border{ border-color:rgb(233, 216, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 216, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 216,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4354, 0.4329, 0.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 216, 0) }
```

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

```
.background{ background-color: rgb(233,  
216, 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](#).

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