

Converting Colors

Yxy(60.4072, 0.4369, 0.4913)

Have a look what the booklet for
Yxy(60.4072, 0.4369, 0.4913)
contains.

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Color

Yxy(60.4735, 0.4368, 0.4914)

Conversions

Conversions Part 1

Format	Color
Hex	E3CE00
RGB	227, 206, 0
RGB Percent	89%, 81%, 0%
CMY	0.1097, 0.1922, 1.0000
CMYK	0.00, 0.09, 1.00, 0.11
HSL	54°, 100%, 45%
HSV	54°, 100%, 89%
XYZ	53.7542, 60.4735, 8.8360
YIQ	188.7950, 78.6420, -59.6140

Conversions

Conversions Part 2

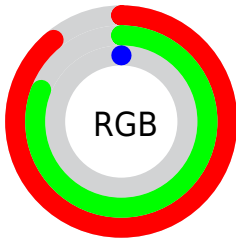
Format	Color
R _Y B	23, 227, 0
Decimal	14929408
CIE Lab	82.09, -9.34, 82.54
CIE LCh	82, 83.067, 96.453
Yxy	60.4735, 0.4368, 0.4914
Android (android.graphics.Color)	4293119488 (0xFFE3CE00)
YUV	188.7950, -93.0759, 33.5058
Hunter-Lab	77.7647, -12.7016, 47.6985

Details

The Yxy color **60.4735, 0.4368, 0.4914** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **6.0842, 0.1515, 0.0652**, and the grayscale version is **51.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4519, 0.4038, 0.4797**, and **30.6720, 0.4359, 0.4921** is the 20% darker color. If you saturate the color by 10%, you get **60.4766, 0.4368, 0.4914**, and if you desaturate by 10%, it is **61.5562, 0.4326, 0.4894**.

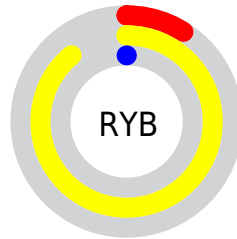
Distribution



Red (89%)

Green (81%)

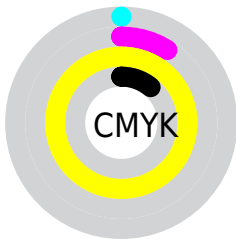
Blue (0%)



Red (9%)

Yellow (89%)

Blue (0%)

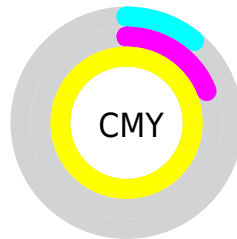


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4735, 0.4368, 0.4914 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 60.4735, 0.4368, 0.4914 by changing the saturation by 10% instead.


 60.4735, 0.4368,
0.4914

 60.4735, 0.4368,
0.4914


426.3409, 0.3875,
0.4221

 43.8004, 0.4442,
0.5036

 105.5162, 0.4225,
0.4699

 30.5136, 0.4511,
0.5164


 134.6547, 0.4161,
0.4607


 20.2288, 0.4570,
0.5297


 168.7170, 0.4101,
0.4525

 12.5614, 0.4589,
0.5411

 208.0876, 0.4047,
0.4451

 7.1273, 0.4529,
0.5471

 253.1509, 0.3998,
0.4384

 3.5418, 0.4436,
0.5564

 304.2913, 0.3953,

 1.4207, 0.4276,

0.4324

0.5724

361.8932, 0.3912,
0.4270

■ 0.2319, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4735, 0.4368,
0.4914

■ 60.4735, 0.4368,
0.4914

■ 60.4766, 0.4368,
0.4914

■ 61.5562, 0.4326,
0.4894

■ 62.7206, 0.4261,
0.4836

■ 63.9928, 0.4168,
0.4733

■ 65.3860, 0.4049,
0.4587

■ 66.9113, 0.3910,
0.4406

■ 68.5785, 0.3758,
0.4199

■ 70.3963, 0.3598,
0.3975

■ 72.3728, 0.3436,
0.3744

■ 74.5152, 0.3278,
0.3513

Harmonies

Analogous

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



60.4735, 0.5024, 0.4214



60.4735, 0.4368, 0.4914



60.4735, 0.3454, 0.5274

Triad

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



60.4735, 0.4368, 0.4914



60.4735, 0.1449, 0.2555



60.4735, 0.3529, 0.2259

Complementary

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



60.4735, 0.4368, 0.4914



6.0842, 0.1515, 0.0652

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.



60.4735, 0.2507, 0.1894



60.4735, 0.4368, 0.4914



60.4735, 0.1469, 0.1974

Square

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



60.4735, 0.4368, 0.4914



60.4735, 0.1786, 0.3604



60.4735, 0.1811, 0.1785



60.4735, 0.4583, 0.2824

Rectangle

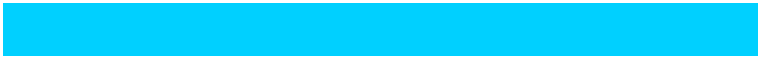
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4735, 0.4368, 0.4914



60.4735, 0.2812, 0.5058



60.4735, 0.1811, 0.1785



60.4735, 0.3163, 0.2112

Sweetspot

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



60.4766, 0.4368, 0.4914



91.5780, 0.3601, 0.3979



16.3948, 0.6303, 0.3246



19.3817, 0.3669, 0.4076



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.



60.4766, 0.4368, 0.4914



78.6298, 0.4369, 0.4913



60.2012, 0.3504, 0.5600



16.5770, 0.3270, 0.3501



35.3551, 0.4365, 0.4916



2.6796, 0.4337, 0.4939

Inverse Universe

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



6.0842, 0.1515, 0.0652



7.8573, 0.1513, 0.0647



7.7616, 0.1832, 0.0783



14.1006, 0.2980, 0.3070



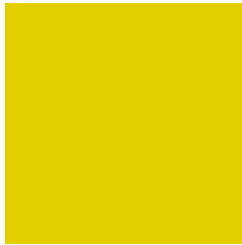
3.6209, 0.1518, 0.0664



0.3415, 0.1562, 0.0822

Previews

White Background



This preview shows how the Yxy color 60.4735, 0.4368, 0.4914 looks on a white background.

Color Contrast Check

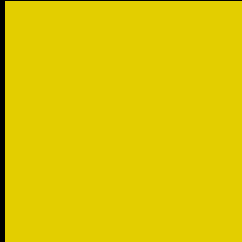
Large Text (above 18pt) WCAG AA × Fail

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 60.4735, 0.4368, 0.4914 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 60.4735, 0.4368, 0.4914

Background



This preview shows how black text looks on a background with the Yxy color 60.4735, 0.4368, 0.4914.

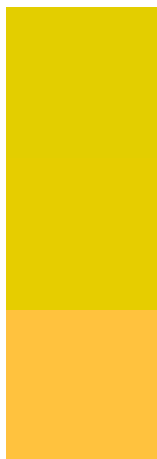


This preview shows how white text looks on a background with the Yxy color 60.4735, 0.4368, 0.4914.

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

60.4735, 0.4368, 0.4914

Protanopia

60.4856, 0.4401, 0.4888

Deuteranopia

60.1914, 0.4564, 0.4474



Tritanopia

60.0686, 0.3405, 0.3129

Trichromacy



Original Color

60.4735, 0.4368, 0.4914

Protanomaly

60.3207, 0.4393, 0.4894

Deuteranomaly

59.9471, 0.4527, 0.4662

Tritanomaly

58.7807, 0.3962, 0.4009

Monochromacy



Original Color

60.4735, 0.4368, 0.4914

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

53.0828, 0.3769, 0.4209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4735, 0.4368, 0.4914 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(227, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 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(227, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 0) }
```

Border

The CSS property to change the border of an element to Yxy 60.4735, 0.4368, 0.4914 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(227, 206, 0) }
```

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

```
.border{ border-color:rgb(227, 206, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 206, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4735, 0.4368, 0.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 0) }
```

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

```
.background{ background-color: rgb(227,  
206, 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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