

Converting Colors

Yxy(61.6463, 0.4049, 0.5167)

Have a look what the booklet for
Yxy(61.6463, 0.4049, 0.5167)
contains.

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Color

Yxy(61.7678, 0.4047, 0.5169)

Conversions

Conversions Part 1

Format	Color
Hex	C7D900
RGB	199, 217, 0
RGB Percent	78%, 85%, 0%
CMY	0.2197, 0.1490, 1.0000
CMYK	0.08, 0.00, 1.00, 0.15
HSL	65°, 100%, 43%
HSV	65°, 100%, 85%
XYZ	48.3603, 61.7678, 9.3685
YIQ	186.8800, 58.9290, -71.3030

Conversions

Conversions Part 2

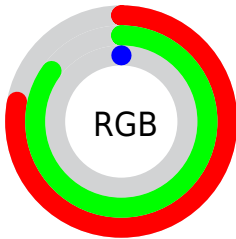
Format	Color
RYB	0, 217, 18
Decimal	13097216
CIELab	82.79, -26.65, 82.03
CIELCh	83, 86.254, 107.999
Yxy	61.7678, 0.4047, 0.5169
Android (android.graphics.Color)	4291287296 (0xFFC7D900)
YUV	186.8800, -92.1318, 10.6292
Hunter-Lab	78.5925, -27.7005, 47.9471

Details

The Yxy color **61.7678, 0.4047, 0.5169** 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 **5.1394, 0.1523, 0.0613**, and the grayscale version is **50.1274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.4161, 0.3958, 0.5239** is the 20% darker color. If you saturate the color by 10%, you get **61.7710, 0.4047, 0.5169**, and if you desaturate by 10%, it is **62.0759, 0.4042, 0.5122**.

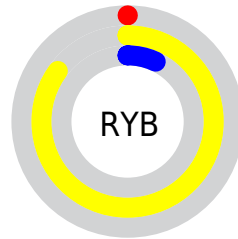
Distribution



Red (78%)

Green (85%)

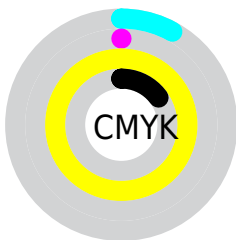
Blue (0%)



Red (0%)

Yellow (85%)

Blue (7%)

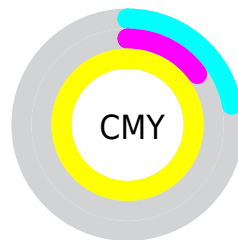


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (22%)


Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7678, 0.4047, 0.5169 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 61.7678, 0.4047, 0.5169 by changing the saturation by 10% instead.


 61.7678, 0.4047,
0.5169


 61.7678, 0.4047,
0.5169


431.0836, 0.3714,
0.4318


 44.8451, 0.4084,
0.5335


 107.3899, 0.3961,
0.4892


 31.3354, 0.4106,
0.5520


 136.8580, 0.3918,
0.4778

 20.8544, 0.4102,
0.5725


 171.2768, 0.3877,
0.4677

 13.0176, 0.4051,
0.5949

 211.0306, 0.3839,
0.4588

 7.4407, 0.3876,
0.6124

 256.5037, 0.3804,
0.4509

 3.7392, 0.3608,
0.6392

 308.0807, 0.3772,

 1.5288, 0.3126,

0.4438

0.6874

366.1459, 0.3742,
0.4375

■ 0.3088, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7678, 0.4047,
0.5169

■ 61.7678, 0.4047,
0.5169

■ 61.7710, 0.4047,
0.5169

■ 62.0759, 0.4042,
0.5122

■ 62.4477, 0.4015,
0.5037

■ 62.9072, 0.3962,
0.4908

■ 63.4663, 0.3884,
0.4737

■ 64.1349, 0.3783,
0.4530

■ 64.9216, 0.3665,
0.4296

■ 65.8343, 0.3535,
0.4047

■ 66.8800, 0.3399,
0.3790

■ 68.0654, 0.3262,
0.3536

Harmonies

Analogous

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



61.7678, 0.4855, 0.4513



61.7678, 0.4047, 0.5169



61.7678, 0.3071, 0.5271

Triad

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



61.7678, 0.4047, 0.5169



61.7678, 0.1379, 0.2246



61.7678, 0.3982, 0.2436

Complementary

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



61.7678, 0.4047, 0.5169



5.1394, 0.1523, 0.0613

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.



61.7678, 0.2860, 0.1976



61.7678, 0.4047, 0.5169



61.7678, 0.1526, 0.1826

Square

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



61.7678, 0.4047, 0.5169



61.7678, 0.1571, 0.3140



61.7678, 0.2007, 0.1760



61.7678, 0.4937, 0.3062

Rectangle

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



61.7678, 0.4047, 0.5169



61.7678, 0.2438, 0.4788



61.7678, 0.2007, 0.1760



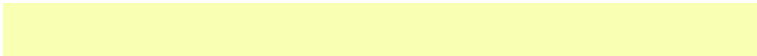
61.7678, 0.3599, 0.2259

Sweetspot

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



61.7710, 0.4047, 0.5169



94.8283, 0.3539, 0.4054



15.0805, 0.6360, 0.3332



20.1730, 0.3595, 0.4161



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.



61.7710, 0.4047, 0.5169



88.9791, 0.4045, 0.5170



52.0142, 0.3273, 0.5783



15.2060, 0.3254, 0.3522



37.4103, 0.4049, 0.5167



2.4402, 0.4074, 0.5147

Inverse Universe

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



5.1394, 0.1523, 0.0613



7.3816, 0.1520, 0.0611



9.2195, 0.2150, 0.0958



12.6687, 0.2994, 0.3049



3.1293, 0.1528, 0.0616



0.2211, 0.1609, 0.0660

Previews

White Background



This preview shows how the Yxy color 61.7678, 0.4047, 0.5169 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 61.7678, 0.4047, 0.5169 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 61.7678, 0.4047, 0.5169

Background



This preview shows how black text looks on a background with the Yxy color 61.7678, 0.4047, 0.5169.



This preview shows how white text looks on a background with the Yxy color 61.7678, 0.4047, 0.5169.

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

61.7678, 0.4047, 0.5169

Protanopia

61.2984, 0.4408, 0.4882

Deuteranopia

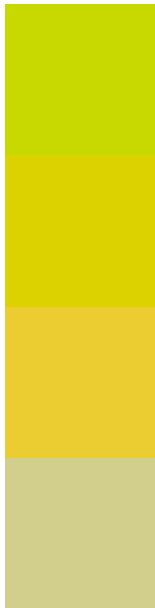
61.2757, 0.4478, 0.4403



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.7678, 0.4047, 0.5169

Protanomaly

61.3088, 0.4276, 0.4987

Deuteranomaly

61.0696, 0.4366, 0.4727

Tritanomaly

60.0450, 0.3635, 0.4098

Monochromacy



Original Color

61.7678, 0.4047, 0.5169

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

52.7964, 0.3657, 0.4290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7678, 0.4047, 0.5169 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(199, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 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(199, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 0) }
```

Border

The CSS property to change the border of an element to Yxy 61.7678, 0.4047, 0.5169 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(199, 217, 0) }
```

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

```
.border{ border-color:rgb(199, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(199, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7678, 0.4047, 0.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 0) }
```

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

```
.background{ background-color: rgb(199,  
217, 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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