

Converting Colors

$Yxy(60.3235, 0.3873, 0.5179)$

Have a look what the booklet for
Yxy(60.3235, 0.3873, 0.5179)
contains.

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Color

Yxy(60.4667, 0.3871, 0.5182)

Conversions

Conversions Part 1

Format	Color
Hex	B8DA25
RGB	184, 218, 37
RGB Percent	72%, 85%, 15%
CMY	0.2785, 0.1451, 0.8544
CMYK	0.16, 0.00, 0.83, 0.15
HSL	71°, 71%, 50%
HSV	71°, 83%, 85%
XYZ	45.1692, 60.4667, 11.0502
YIQ	187.2000, 37.8370, -63.4990

Conversions

Conversions Part 2

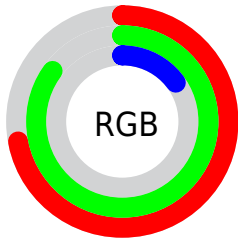
Format	Color
RYB	37, 218, 71
Decimal	12114469
CIELab	82.09, -32.62, 75.83
CIELCh	82, 82.552, 113.276
Yxy	60.4667, 0.3871, 0.5182
Android (android.graphics.Color)	4290304549 (0xFFB8DA25)
YUV	187.2000, -74.0486, -2.8064
Hunter-Lab	77.7603, -32.3941, 46.0068

Details

The Yxy color **60.4667, 0.3871, 0.5182** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **7.7390, 0.1757, 0.0854**, and the grayscale version is **50.2297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6927, 0.3905, 0.4747**, and **30.6300, 0.3801, 0.5364** is the 20% darker color. If you saturate the color by 10%, you get **59.8713, 0.3872, 0.5274**, and if you desaturate by 10%, it is **61.1640, 0.3845, 0.5044**.

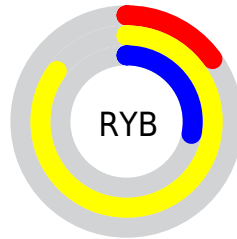
Distribution



Red (72%)

Green (85%)

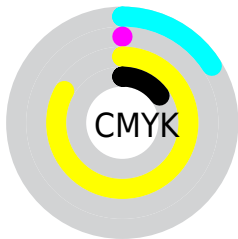
Blue (15%)



Red (15%)

Yellow (85%)

Blue (28%)

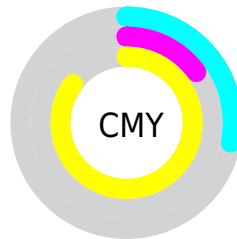


Cyan (16%)

Magenta (0%)

Yellow (83%)

Black (15%)



Cyan (28%)


Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4667, 0.3871, 0.5182 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 60.4667, 0.3871, 0.5182 by changing the saturation by 10% instead.

 60.4667, 0.3871,
0.5182


 60.4667, 0.3871,
0.5182


426.3159, 0.3606,
0.4292

 43.7949, 0.3897,
0.5369


 105.5064, 0.3804,
0.4882

 30.5093, 0.3909,
0.5584

 134.6431, 0.3770,
0.4762


 20.2255, 0.3890,
0.5828


 168.7035, 0.3738,
0.4657


 12.5591, 0.3847,
0.6153

 208.0721, 0.3707,
0.4565

 7.1256, 0.3625,
0.6375

 253.1332, 0.3679,
0.4485

 3.5408, 0.3284,
0.6716

 304.2713, 0.3653,

 1.4202, 0.2510,

0.4413

0.7490

361.8707, 0.3629,
0.4349

■ 0.2315, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4667, 0.3871,
0.5182

■ 60.4667, 0.3871,
0.5182

■ 59.8713, 0.3872,
0.5274


■ 61.1640, 0.3845,
0.5044

■ 59.4937, 0.3861,
0.5317


■ 61.9677, 0.3792,
0.4862

■ 62.8912, 0.3717,
0.4644

■ 63.9437, 0.3623,
0.4400

 65.1333, 0.3515,
0.4140

 66.4677, 0.3399,
0.3875

 67.9537, 0.3280,
0.3613

 69.5977, 0.3162,
0.3362

 71.4057, 0.3047,
0.3125

Harmonies

Analogous

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



60.4667, 0.4696, 0.4617



60.4667, 0.3871, 0.5182



60.4667, 0.2915, 0.5110

Triad

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



60.4667, 0.3871, 0.5182



60.4667, 0.1428, 0.2180



60.4667, 0.4143, 0.2562

Complementary

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



60.4667, 0.3871, 0.5182



7.7390, 0.1757, 0.0854

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.



60.4667, 0.3052, 0.2076



60.4667, 0.3871, 0.5182



60.4667, 0.1627, 0.1835

Square

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



60.4667, 0.3871, 0.5182



60.4667, 0.1557, 0.2964



60.4667, 0.2161, 0.1819



60.4667, 0.4979, 0.3193

Rectangle

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



60.4667, 0.3871, 0.5182



60.4667, 0.2319, 0.4541



60.4667, 0.2161, 0.1819



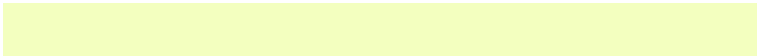
60.4667, 0.3780, 0.2378

Sweetspot

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



60.4694, 0.3871, 0.5182



94.3480, 0.3426, 0.3934



19.4575, 0.5743, 0.3552



20.0484, 0.3467, 0.4028



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.



60.4694, 0.3871, 0.5182



84.7878, 0.3858, 0.5319



52.6836, 0.3230, 0.5659



15.1336, 0.3238, 0.3523



35.6835, 0.3866, 0.5313



2.3444, 0.3922, 0.5268

Inverse Universe

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



7.7390, 0.1757, 0.0854



7.8480, 0.1576, 0.0642



13.9423, 0.2555, 0.1274



12.7345, 0.3010, 0.3050



3.3499, 0.1592, 0.0650



0.2522, 0.1741, 0.0733

Previews

White Background



This preview shows how the Yxy color 60.4667, 0.3871, 0.5182 looks on a white background.

Color Contrast Check

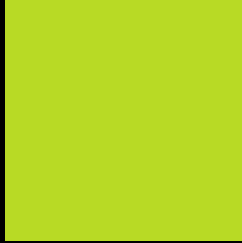
Large Text (above 18pt) WCAG AA × Fail

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 60.4667, 0.3871, 0.5182 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 60.4667, 0.3871, 0.5182

Background



This preview shows how black text looks on a background with the Yxy color 60.4667, 0.3871, 0.5182.



This preview shows how white text looks on a background with the Yxy color 60.4667, 0.3871, 0.5182.

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

60.4667, 0.3871, 0.5182

Protanopia

59.9536, 0.4359, 0.4824

Deuteranopia

59.7369, 0.4577, 0.4471



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.4667, 0.3871, 0.5182

Protanomaly

59.8626, 0.4183, 0.4956

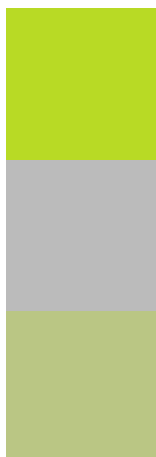
Deuteranomaly

59.1470, 0.4324, 0.4731

Tritanomaly

59.0138, 0.3418, 0.3969

Monochromacy



Original Color

60.4667, 0.3871, 0.5182

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

52.4932, 0.3520, 0.4143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4667, 0.3871, 0.5182 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(184, 218, 37)` looks like.

```
.text, #text, p{  
    color:rgb(184, 218, 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(184, 218, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 218, 37) }
```

Border

The CSS property to change the border of an element to Yxy 60.4667, 0.3871, 0.5182 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(184, 218, 37) }
```

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

```
.border{ border-color:rgb(184, 218, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 218, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 218, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 218, 37);  
box-shadow:4px 4px 4px 4px rgb(184, 218,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4667, 0.3871, 0.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 218, 37) }
```

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

```
.background{ background-color: rgb(184,  
218, 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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