

Converting Colors

Yxy(60.5819, 0.3934, 0.5258)

Have a look what the booklet for
Yxy(60.5819, 0.3934, 0.5258)
contains.

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Color

Yxy(60.5819, 0.3934, 0.5258)

Conversions

Conversions Part 1

Format	Color
Hex	BADA00
RGB	186, 218, 0
RGB Percent	73%, 85%, 0%
CMY	0.2705, 0.1451, 0.9992
CMYK	0.15, 0.00, 1.00, 0.15
HSL	69°, 100%, 43%
HSV	69°, 100%, 85%
XYZ	45.3270, 60.5819, 9.3097
YIQ	183.5800, 50.9060, -74.5820

Conversions

Conversions Part 2

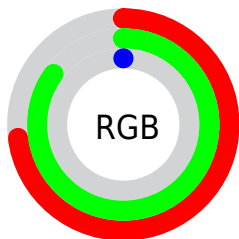
Format	Color
RYB	0, 218, 32
Decimal	12245504
CIELab	82.15, -32.44, 81.12
CIELCh	82, 87.365, 111.794
Yxy	60.5819, 0.3934, 0.5258
Android (android.graphics.Color)	4290435584 (0xFFBADA00)
YUV	183.5800, -90.5049, 2.1223
Hunter-Lab	77.8344, -32.2604, 47.3925

Details

The Yxy color **60.5819, 0.3934, 0.5258** 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 **5.3763, 0.1554, 0.0630**, and the grayscale version is **48.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8010, 0.3972, 0.4830**, and **30.7836, 0.3822, 0.5348** is the 20% darker color. If you saturate the color by 10%, you get **60.5804, 0.3934, 0.5258**, and if you desaturate by 10%, it is **61.0476, 0.3940, 0.5199**.

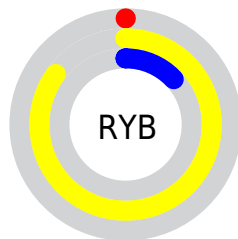
Distribution



Red (73%)

Green (85%)

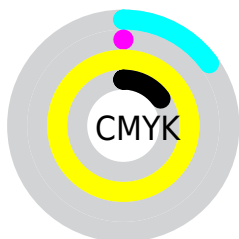
Blue (0%)



Red (0%)

Yellow (85%)

Blue (13%)

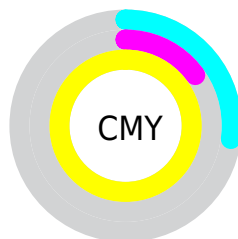


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5819, 0.3934, 0.5258 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 60.5819, 0.3934, 0.5258 by changing the saturation by 10% instead.


 60.5819, 0.3934,
0.5258


 60.5819, 0.3934,
0.5258


426.7393, 0.3656,
0.4348


 43.8878, 0.3958,
0.5442


 105.6733, 0.3867,
0.4957

 30.5823, 0.3963,
0.5649


 134.8395, 0.3832,
0.4834

 20.2810, 0.3937,
0.5884


 168.9318, 0.3798,
0.4727

 12.5995, 0.3854,
0.6146

 208.3346, 0.3765,
0.4632

 7.1533, 0.3634,
0.6366

 253.4324, 0.3735,
0.4548

 3.5582, 0.3296,
0.6704

 304.6095, 0.3707,

 1.4296, 0.2541,

0.4474

0.7459

362.2504, 0.3680,
0.4407

■ 0.2384, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5819, 0.3934,
0.5258

■ 60.5819, 0.3934,
0.5258

■ 60.5804, 0.3934,
0.5258

■ 61.0476, 0.3940,
0.5199

■ 61.5844, 0.3924,
0.5102

■ 62.2163, 0.3883,
0.4959

■ 62.9550, 0.3815,
0.4774

■ 63.8107, 0.3726,
0.4554

■ 64.7921, 0.3620,
0.4310

■ 65.9072, 0.3501,
0.4053

■ 67.1632, 0.3377,
0.3791

■ 68.5668, 0.3250,
0.3534

Harmonies

Analogous

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



60.5819, 0.4791, 0.4620



60.5819, 0.3934, 0.5258



60.5819, 0.2938, 0.5257

Triad

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



60.5819, 0.3934, 0.5258



60.5819, 0.1355, 0.2148



60.5819, 0.4143, 0.2495

Complementary

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



60.5819, 0.3934, 0.5258



5.3763, 0.1554, 0.0630

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.



60.5819, 0.2989, 0.2003



60.5819, 0.3934, 0.5258



60.5819, 0.1545, 0.1778

Square

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



60.5819, 0.3934, 0.5258



60.5819, 0.1501, 0.2990



60.5819, 0.2077, 0.1751



60.5819, 0.5053, 0.3141

Rectangle

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



60.5819, 0.3934, 0.5258



60.5819, 0.2311, 0.4682



60.5819, 0.2077, 0.1751



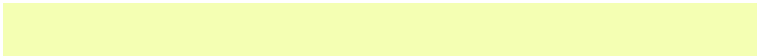
60.5819, 0.3755, 0.2308

Sweetspot

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



60.5847, 0.3934, 0.5258



93.9465, 0.3506, 0.4062



15.7964, 0.6292, 0.3385



19.9591, 0.3557, 0.4173



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.



60.5847, 0.3934, 0.5258



86.3588, 0.3932, 0.5260



51.8504, 0.3198, 0.5842



15.1620, 0.3244, 0.3523



36.3316, 0.3938, 0.5255



2.3807, 0.3982, 0.5220

Inverse Universe

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



5.3763, 0.1554, 0.0630



7.6214, 0.1549, 0.0627



10.4817, 0.2298, 0.1040



12.7084, 0.3004, 0.3050



3.2451, 0.1562, 0.0634



0.2399, 0.1690, 0.0705

Previews

White Background



This preview shows how the Yxy color 60.5819, 0.3934, 0.5258 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 60.5819, 0.3934, 0.5258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

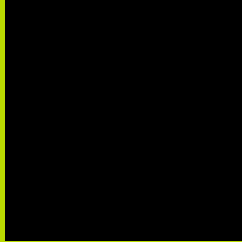
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5819, 0.3934, 0.5258

Background



This preview shows how black text looks on a background with the Yxy color 60.5819, 0.3934, 0.5258.



This preview shows how white text looks on a background with the Yxy color 60.5819, 0.3934, 0.5258.

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

60.5819, 0.3934, 0.5258

Protanopia

60.0087, 0.4410, 0.4880

Deuteranopia

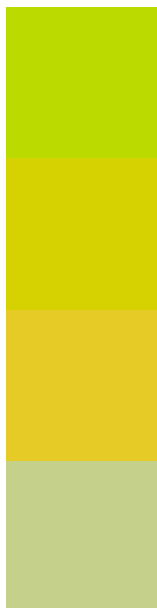
60.1698, 0.4572, 0.4485



Tritanopia

60.5229, 0.3015, 0.3105

Trichromacy



Original Color

60.5819, 0.3934, 0.5258

Protanomaly

59.8971, 0.4235, 0.5020

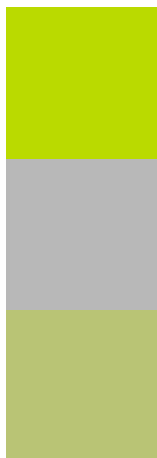
Deuteranomaly

59.6748, 0.4365, 0.4793

Tritanomaly

58.8461, 0.3533, 0.4138

Monochromacy



Original Color

60.5819, 0.3934, 0.5258

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

51.0785, 0.3626, 0.4312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5819, 0.3934, 0.5258 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(186, 218, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 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(186, 218, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 0) }
```

Border

The CSS property to change the border of an element to Yxy 60.5819, 0.3934, 0.5258 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(186, 218, 0) }
```

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

```
.border{ border-color:rgb(186, 218, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5819, 0.3934, 0.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 0) }
```

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

```
.background{ background-color: rgb(186,  
218, 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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