

Converting Colors

Yxy(58.8333, 0.3828, 0.5331)

Have a look what the booklet for
Yxy(58.8333, 0.3828, 0.5331)
contains.

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Color

Yxy(59.0380, 0.3825, 0.5334)

Conversions

Conversions Part 1

Format	Color
Hex	ADDA05
RGB	173, 218, 5
RGB Percent	68%, 85%, 2%
CMY	0.3215, 0.1451, 0.9802
CMYK	0.21, 0.00, 0.98, 0.15
HSL	73°, 95%, 44%
HSV	73°, 98%, 85%
XYZ	42.3360, 59.0380, 9.3084
YIQ	180.2630, 41.5530, -75.7830

Conversions

Conversions Part 2

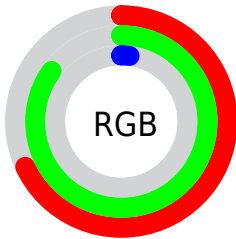
Format	Color
RYB	5, 218, 50
Decimal	11393541
CIELab	81.31, -37.60, 79.67
CIELCh	81, 88.101, 115.263
Yxy	59.0380, 0.3825, 0.5334
Android (android.graphics.Color)	4289583621 (0xFFADDA05)
YUV	180.2630, -86.4047, -6.3697
Hunter-Lab	76.8362, -36.1115, 46.6026

Details

The Yxy color **59.0380, 0.3825, 0.5334** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5.8505, 0.1620, 0.0676**, and the grayscale version is **46.2544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5482, 0.3877, 0.4882**, and **29.8392, 0.3687, 0.5455** is the 20% darker color. If you saturate the color by 10%, you get **58.9084, 0.3820, 0.5349**, and if you desaturate by 10%, it is **59.6422, 0.3839, 0.5258**.

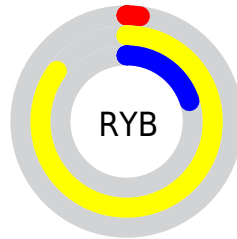
Distribution



Red (68%)

Green (85%)

Blue (2%)



Red (2%)

Yellow (85%)

Blue (20%)

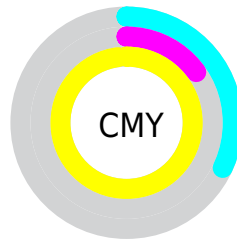


Cyan (21%)

Magenta (0%)

Yellow (98%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0380, 0.3825, 0.5334 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 59.0380, 0.3825, 0.5334 by changing the saturation by 10% instead.

 59.0380, 0.3825,
0.5334


 59.0380, 0.3825,
0.5334


421.0427, 0.3599,
0.4368

 42.6437, 0.3836,
0.5535

 103.4329, 0.3776,
0.5009


 29.6057, 0.3826,
0.5765


 132.2023, 0.3748,
0.4879


 19.5395, 0.3780,
0.6030


 165.8655, 0.3720,
0.4765

 12.0607, 0.3668,
0.6332

 204.8069, 0.3692,
0.4665

 6.7851, 0.3402,
0.6598

 249.4110, 0.3667,
0.4578

 3.3280, 0.2995,
0.7005

 300.0620, 0.3642,

 1.3053, 0.1727,

0.4500

0.8273

357.1445, 0.3620,
0.4430

■ 0.1453, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0380, 0.3825,
0.5334

■ 59.0380, 0.3825,
0.5334

■ 58.9084, 0.3820,
0.5349

■ 59.6422, 0.3839,
0.5258

■ 60.3349, 0.3829,
0.5137

■ 61.1349, 0.3793,
0.4971

■ 62.0535, 0.3732,
0.4764

■ 63.1007, 0.3650,
0.4526

■ 64.2852, 0.3552,
0.4268

■ 65.6148, 0.3444,
0.4002

■ 67.0968, 0.3330,
0.3736

■ 68.7377, 0.3214,
0.3479

Harmonies

Analogous

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



59.0380, 0.4724, 0.4720



59.0380, 0.3825, 0.5334



59.0380, 0.2814, 0.5227

Triad

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



59.0380, 0.3825, 0.5334



59.0380, 0.1339, 0.2065



59.0380, 0.4291, 0.2553

Complementary

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



59.0380, 0.3825, 0.5334



5.8505, 0.1620, 0.0676

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.



59.0380, 0.3115, 0.2032



59.0380, 0.3825, 0.5334



59.0380, 0.1568, 0.1739

Square

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



59.0380, 0.3825, 0.5334



59.0380, 0.1442, 0.2855



59.0380, 0.2149, 0.1747



59.0380, 0.5149, 0.3215

Rectangle

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



59.0380, 0.3825, 0.5334



59.0380, 0.2197, 0.4568



59.0380, 0.2149, 0.1747



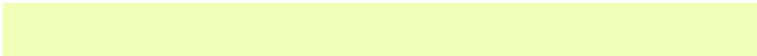
59.0380, 0.3903, 0.2358

Sweetspot

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



59.0407, 0.3825, 0.5334



93.2752, 0.3461, 0.4044



17.0012, 0.6140, 0.3482



19.7876, 0.3508, 0.4159



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.



59.0407, 0.3825, 0.5334



83.9567, 0.3817, 0.5351



51.4169, 0.3145, 0.5871



15.1179, 0.3235, 0.3523



35.3401, 0.3826, 0.5344



2.3250, 0.3889, 0.5294

Inverse Universe

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



5.8505, 0.1620, 0.0676



8.0004, 0.1595, 0.0652



12.0530, 0.2472, 0.1144



12.7490, 0.3014, 0.3051



3.4191, 0.1611, 0.0661



0.2590, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 59.0380, 0.3825, 0.5334 looks on a white background.

Color Contrast Check

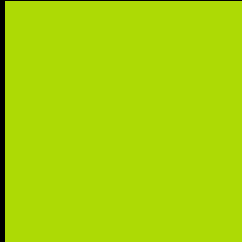
Large Text (above 18pt) WCAG AA × Fail

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 59.0380, 0.3825, 0.5334 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 59.0380, 0.3825, 0.5334

Background



This preview shows how black text looks on a background with the Yxy color 59.0380, 0.3825, 0.5334.



This preview shows how white text looks on a background with the Yxy color 59.0380, 0.3825, 0.5334.

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

59.0380, 0.3825, 0.5334

Protanopia

58.5720, 0.4404, 0.4885

Deuteranopia

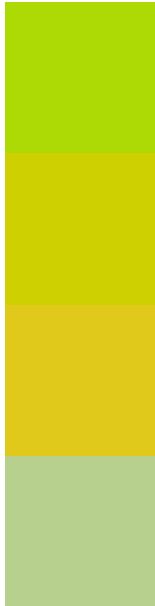
58.4789, 0.4663, 0.4554



Tritanopia

58.9027, 0.2928, 0.3100

Trichromacy



Original Color

59.0380, 0.3825, 0.5334

Protanomaly

58.3815, 0.4183, 0.5056

Deuteranomaly

57.8600, 0.4365, 0.4844

Tritanomaly

57.2252, 0.3412, 0.4143

Monochromacy



Original Color

59.0380, 0.3825, 0.5334

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

49.1916, 0.3570, 0.4328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0380, 0.3825, 0.5334 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(173, 218, 5)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 5)  
}
```

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(173, 218, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 5) }
```

Border

The CSS property to change the border of an element to Yxy 59.0380, 0.3825, 0.5334 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(173, 218, 5) }
```

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

```
.border{ border-color:rgb(173, 218, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 218, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 5);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0380, 0.3825, 0.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 5) }
```

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

```
.background{ background-color: rgb(173,  
218, 5) }
```

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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