

Converting Colors

$Yxy(59.9082, 0.3941, 0.5253)$

Have a look what the booklet for
Yxy(59.9082, 0.3941, 0.5253)
contains.

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Color

Yxy(60.0648, 0.3941, 0.5253)

Conversions

Conversions Part 1

Format	Color
Hex	BAD900
RGB	186, 217, 0
RGB Percent	73%, 85%, 0%
CMY	0.2706, 0.1490, 1.0000
CMYK	0.14, 0.00, 1.00, 0.15
HSL	69°, 100%, 43%
HSV	69°, 100%, 85%
XYZ	45.0629, 60.0648, 9.2161
YIQ	182.9930, 51.1810, -74.0590

Conversions

Conversions Part 2

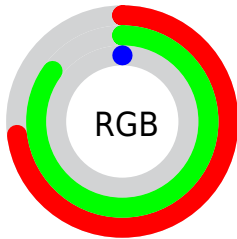
Format	Color
RYB	0, 217, 31
Decimal	12245248
CIELab	81.87, -31.99, 80.93
CIELCh	82, 87.027, 111.566
Yxy	60.0648, 0.3941, 0.5253
Android (android.graphics.Color)	4290435328 (0xFFBAD900)
YUV	182.9930, -90.2155, 2.6371
Hunter-Lab	77.5015, -31.8396, 47.2006

Details

The Yxy color **60.0648, 0.3941, 0.5253** 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 **5.3013, 0.1551, 0.0628**, and the grayscale version is **47.8355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8010, 0.3972, 0.4830**, and **30.4299, 0.3830, 0.5341** is the 20% darker color. If you saturate the color by 10%, you get **60.0677, 0.3941, 0.5253**, and if you desaturate by 10%, it is **60.5170, 0.3946, 0.5195**.

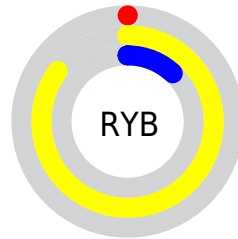
Distribution



Red (73%)

Green (85%)

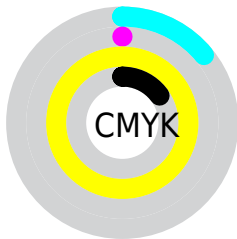
Blue (0%)



Red (0%)

Yellow (85%)

Blue (12%)

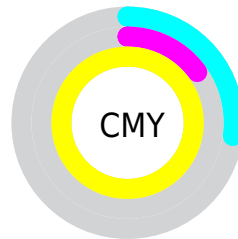


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0648, 0.3941, 0.5253 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 60.0648, 0.3941, 0.5253 by changing the saturation by 10% instead.

 60.0648, 0.3941,
0.5253

 60.0648, 0.3941,
0.5253


424.8366, 0.3659,
0.4344


 43.4709, 0.3965,
0.5436


 104.9237, 0.3873,
0.4952


 30.2547, 0.3972,
0.5643


 133.9574, 0.3837,
0.4830


 20.0320, 0.3947,
0.5878


 167.9065, 0.3802,
0.4723

 12.4183, 0.3864,
0.6136

 207.1554, 0.3769,
0.4628

 7.0292, 0.3644,
0.6356

 252.0884, 0.3739,
0.4545

 3.4804, 0.3307,
0.6693

 303.0900, 0.3710,

 1.3874, 0.2524,

0.4470

0.7476

360.5446, 0.3683,
0.4404

■ 0.2074, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0648, 0.3941,
0.5253

■ 60.0648, 0.3941,
0.5253

■ 60.0677, 0.3941,
0.5253

■ 60.5170, 0.3946,
0.5195

■ 61.0386, 0.3930,
0.5099

■ 61.6536, 0.3888,
0.4957

■ 62.3738, 0.3820,
0.4773

■ 63.2091, 0.3730,
0.4555

■ 64.1682, 0.3623,
0.4312

■ 65.2591, 0.3504,
0.4055

■ 66.4887, 0.3379,
0.3794

■ 67.8638, 0.3252,
0.3537

Harmonies

Analogous

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



60.0648, 0.4796, 0.4614



60.0648, 0.3941, 0.5253



60.0648, 0.2946, 0.5259

Triad

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



60.0648, 0.3941, 0.5253



60.0648, 0.1356, 0.2154



60.0648, 0.4133, 0.2491

Complementary

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



60.0648, 0.3941, 0.5253



5.3013, 0.1551, 0.0628

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.



60.0648, 0.2981, 0.2001



60.0648, 0.3941, 0.5253



60.0648, 0.1543, 0.1780

Square

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



60.0648, 0.3941, 0.5253



60.0648, 0.1504, 0.2999



60.0648, 0.2072, 0.1751



60.0648, 0.5046, 0.3136

Rectangle

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



60.0648, 0.3941, 0.5253



60.0648, 0.2319, 0.4689



60.0648, 0.2072, 0.1751



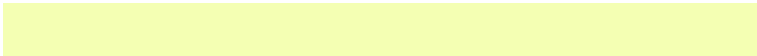
60.0648, 0.3746, 0.2305

Sweetspot

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



60.0677, 0.3941, 0.5253



94.0003, 0.3508, 0.4062



15.6279, 0.6293, 0.3385



19.9722, 0.3559, 0.4172



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.



60.0677, 0.3941, 0.5253



86.5135, 0.3939, 0.5255



51.3149, 0.3198, 0.5843



15.1647, 0.3245, 0.3523



36.3954, 0.3945, 0.5250



2.3842, 0.3988, 0.5216

Inverse Universe

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



5.3013, 0.1551, 0.0628



7.6028, 0.1547, 0.0626



10.3653, 0.2298, 0.1039



12.7060, 0.3003, 0.3050



3.2364, 0.1559, 0.0633



0.2388, 0.1685, 0.0702

Previews

White Background



This preview shows how the Yxy color 60.0648, 0.3941, 0.5253 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 60.0648, 0.3941, 0.5253 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 60.0648, 0.3941, 0.5253

Background



This preview shows how black text looks on a background with the Yxy color 60.0648, 0.3941, 0.5253.



This preview shows how white text looks on a background with the Yxy color 60.0648, 0.3941, 0.5253.

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

60.0648, 0.3941, 0.5253

Protanopia

59.8437, 0.4402, 0.4887

Deuteranopia

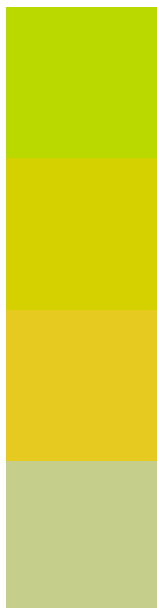
59.6389, 0.4615, 0.4519



Tritanopia

59.9995, 0.3022, 0.3105

Trichromacy



Original Color

60.0648, 0.3941, 0.5253

Protanomaly

59.7471, 0.4226, 0.5026

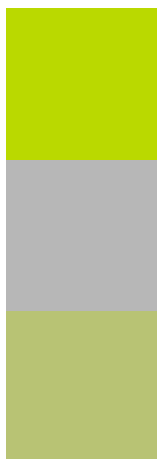
Deuteranomaly

59.1683, 0.4387, 0.4806

Tritanomaly

58.3600, 0.3536, 0.4127

Monochromacy



Original Color

60.0648, 0.3941, 0.5253

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

50.4815, 0.3629, 0.4317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0648, 0.3941, 0.5253 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, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 0) }
```

Border

The CSS property to change the border of an element to Yxy 60.0648, 0.3941, 0.5253 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, 217, 0) }
```

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

```
.border{ border-color:rgb(186, 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(186, 217, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0648, 0.3941, 0.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 0) }
```

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

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