

Converting Colors

$Y_{xy}(54.1968, 0.3674, 0.5194)$

Have a look what the booklet for
Yxy(54.1968, 0.3674, 0.5194)
contains.

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Color

Yxy(54.3192, 0.3675, 0.5194)

Conversions

Conversions Part 1

Format	Color
Hex	A0D335
RGB	160, 211, 53
RGB Percent	63%, 83%, 21%
CMY	0.3726, 0.1725, 0.7921
CMYK	0.24, 0.00, 0.75, 0.17
HSL	79°, 64%, 52%
HSV	79°, 75%, 83%
XYZ	38.4334, 54.3192, 11.8281
YIQ	177.7390, 20.3220, -59.9500

Conversions

Conversions Part 2

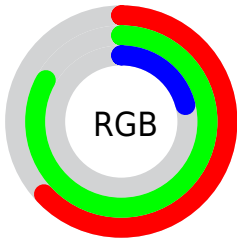
Format	Color
RYB	53, 211, 104
Decimal	10539829
CIELab	78.65, -38.23, 67.76
CIELCh	79, 77.795, 119.430
Yxy	54.3192, 0.3675, 0.5194
Android (android.graphics.Color)	4288729909 (0xFFA0D335)
YUV	177.7390, -61.4963, -15.5571
Hunter-Lab	73.7016, -35.8947, 42.0759

Details

The Yxy color **54.3192, 0.3675, 0.5194** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **10.1955, 0.2047, 0.1114**, and the grayscale version is **44.7002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5731, 0.3681, 0.4772**, and **26.6605, 0.3614, 0.5512** is the 20% darker color. If you saturate the color by 10%, you get **53.4852, 0.3674, 0.5351**, and if you desaturate by 10%, it is **55.2819, 0.3651, 0.4992**.

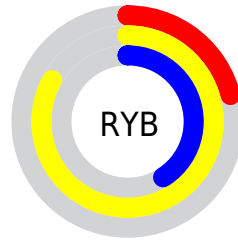
Distribution



Red (63%)

Green (83%)

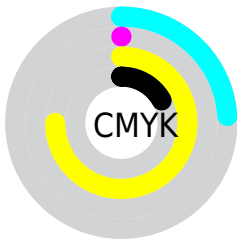
Blue (21%)



Red (21%)

Yellow (83%)

Blue (41%)

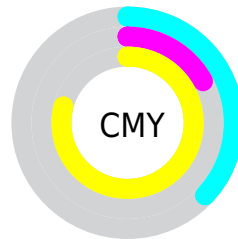


Cyan (24%)

Magenta (0%)

Yellow (75%)

Black (17%)



Cyan (37%)


Magenta (17%)


Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3192, 0.3675, 0.5194 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 54.3192, 0.3675, 0.5194 by changing the saturation by 10% instead.


 54.3192, 0.3675,
0.5194


 54.3192, 0.3675,
0.5194


403.3260, 0.3488,
0.4253

 38.8569, 0.3687,
0.5407


 96.5428, 0.3632,
0.4865


 26.6484, 0.3683,
0.5663


 124.0728, 0.3608,
0.4737


 17.3094, 0.3642,
0.5966


 156.3943, 0.3585,
0.4627

 10.4553, 0.3585,
0.6415

 193.8915, 0.3562,
0.4531

 5.7019, 0.3285,
0.6715

 236.9489, 0.3542,
0.4448

 2.6647, 0.2813,
0.7187

285.9509, 0.3522,

 0.9593, 0.0000,

0.4375

1.0000

341.2818, 0.3504,
0.4311

■ 0.0000, 0.0000,
0.0000

■ 54.3192, 0.3675,
0.5194

■ 54.3192, 0.3675,
0.5194

■ 53.4852, 0.3674,
0.5351

■ 55.2819, 0.3651,
0.4992

■ 52.7600, 0.3649,
0.5458

■ 56.3767, 0.3603,
0.4752

■ 52.4202, 0.3630,
0.5500

■ 57.6151, 0.3536,
0.4489

■ 59.0054, 0.3455,
0.4213

■ 60.5550, 0.3365,
0.3935

■ 62.2709, 0.3270,
0.3665

■ 64.1594, 0.3174,
0.3409

■ 66.2268, 0.3079,
0.3170

■ 68.4785, 0.2988,
0.2950

Harmonies

Analogous

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



54.3192, 0.4526, 0.4735



54.3192, 0.3675, 0.5194



54.3192, 0.2736, 0.4930

Triad

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



54.3192, 0.3675, 0.5194



54.3192, 0.1472, 0.2103



54.3192, 0.4326, 0.2696

Complementary

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



54.3192, 0.3675, 0.5194



10.1955, 0.2047, 0.1114

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.



54.3192, 0.3269, 0.2180



54.3192, 0.3675, 0.5194



54.3192, 0.1734, 0.1834

Square

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



54.3192, 0.3675, 0.5194



54.3192, 0.1532, 0.2779



54.3192, 0.2333, 0.1876



54.3192, 0.5030, 0.3338

Rectangle

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



54.3192, 0.3675, 0.5194



54.3192, 0.2182, 0.4278



54.3192, 0.2333, 0.1876



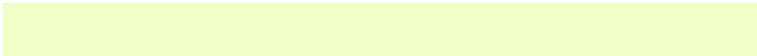
54.3192, 0.3987, 0.2505

Sweetspot

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



54.3216, 0.3675, 0.5194



93.6239, 0.3340, 0.3863



23.8163, 0.5183, 0.3814



19.8905, 0.3366, 0.3938



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.



54.3216, 0.3675, 0.5194



81.4040, 0.3661, 0.5422



48.6416, 0.3138, 0.5567



13.5984, 0.3217, 0.3523



31.6909, 0.3639, 0.5493



1.8137, 0.3743, 0.5410

Inverse Universe

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



10.1955, 0.2047, 0.1114



10.6234, 0.1822, 0.0819



17.2010, 0.2867, 0.1525



11.6003, 0.3032, 0.3053



3.6321, 0.1737, 0.0731



0.2456, 0.1944, 0.0845

Previews

White Background



This preview shows how the Yxy color 54.3192, 0.3675, 0.5194 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 54.3192, 0.3675, 0.5194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

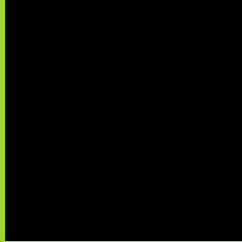
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3192, 0.3675, 0.5194

Background



This preview shows how black text looks on a background with the Yxy color 54.3192, 0.3675, 0.5194.



This preview shows how white text looks on a background with the Yxy color 54.3192, 0.3675, 0.5194.

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

54.3192, 0.3675, 0.5194

Protanopia

53.7108, 0.4308, 0.4746

Deuteranopia

53.7058, 0.4546, 0.4437



Tritanopia

54.1509, 0.2878, 0.3104

Trichromacy



Original Color

54.3192, 0.3675, 0.5194

Protanomaly

53.4092, 0.4073, 0.4915

Deuteranomaly

53.0560, 0.4222, 0.4711

Tritanomaly

53.2321, 0.3228, 0.3928

Monochromacy



Original Color

54.3192, 0.3675, 0.5194

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

47.1783, 0.3405, 0.4073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3192, 0.3675, 0.5194 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(160, 211, 53)` looks like.

```
.text, #text, p{  
    color:rgb(160, 211, 53)  
}
```

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(160, 211, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 211, 53) }
```

Border

The CSS property to change the border of an element to Yxy 54.3192, 0.3675, 0.5194 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(160, 211, 53) }
```

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

```
.border{ border-color:rgb(160, 211, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 211, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 211, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 211, 53);  
box-shadow:4px 4px 4px 4px rgb(160, 211,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3192, 0.3675, 0.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 211, 53) }
```

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

```
.background{ background-color: rgb(160,  
211, 53) }
```

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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