

Converting Colors

Yxy(52.8005, 0.3668, 0.5129)

Have a look what the booklet for
Yxy(52.8005, 0.3668, 0.5129)
contains.

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Color

Yxy(52.9011, 0.3671, 0.5131)

Conversions

Conversions Part 1

Format	Color
Hex	A0D03B
RGB	160, 208, 59
RGB Percent	63%, 82%, 23%
CMY	0.3724, 0.1843, 0.7687
CMYK	0.23, 0.00, 0.72, 0.18
HSL	79°, 61%, 52%
HSV	79°, 72%, 82%
XYZ	37.8484, 52.9011, 12.3515
YIQ	176.6620, 19.2210, -56.5150

Conversions

Conversions Part 2

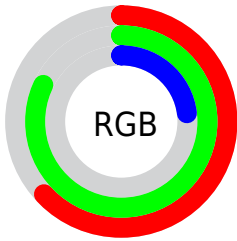
Format	Color
RYB	59, 208, 107
Decimal	10539067
CIELab	77.82, -36.53, 64.94
CIELCh	78, 74.506, 119.360
Yxy	52.9011, 0.3671, 0.5131
Android (android.graphics.Color)	4288729147 (0xFFA0D03B)
YUV	176.6620, -58.0074, -14.6126
Hunter-Lab	72.7331, -34.3964, 40.8446

Details

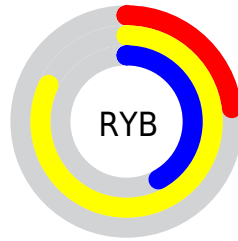
The Yxy color **52.9011, 0.3671, 0.5131** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **10.8029, 0.2098, 0.1193**, and the grayscale version is **44.0868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6632, 0.3663, 0.4739**, and **25.7255, 0.3647, 0.5486** is the 20% darker color. If you saturate the color by 10%, you get **52.0573, 0.3679, 0.5303**, and if you desaturate by 10%, it is **53.8727, 0.3638, 0.4916**.

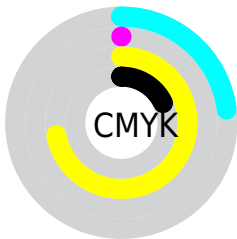
Distribution



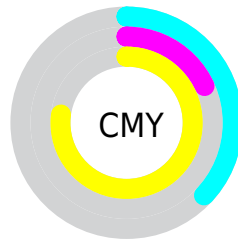
- Red (63%)
- Green (82%)
- Blue (23%)



- Red (23%)
- Yellow (82%)
- Blue (42%)



- Cyan (23%)
- Magenta (0%)
- Yellow (72%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9011, 0.3671, 0.5131 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 52.9011, 0.3671, 0.5131 by changing the saturation by 10% instead.

 52.9011, 0.3671,
0.5131


 52.9011, 0.3671,
0.5131


397.9056, 0.3478,
0.4215

 37.7238, 0.3687,
0.5342


 94.4588, 0.3623,
0.4808

 25.7684, 0.3689,
0.5595


 121.6081, 0.3599,
0.4683


 16.6505, 0.3657,
0.5900


 153.5167, 0.3575,
0.4577

 9.9856, 0.3620,
0.6368

 190.5692, 0.3552,
0.4484

 5.3894, 0.3328,
0.6672

 233.1500, 0.3531,
0.4404

 2.4775, 0.2857,
0.7143

281.6434, 0.3512,

 0.8653, 0.0000,

0.4333

1.0000

336.4338, 0.3494,
0.4271

■ 0.0000, 0.0000,
0.0000

■ 52.9011, 0.3671,
0.5131

■ 52.9011, 0.3671,
0.5131

■ 52.0573, 0.3679,
0.5303

■ 53.8727, 0.3638,
0.4916

■ 51.3227, 0.3661,
0.5426

■ 54.9747, 0.3584,
0.4668

■ 50.7777, 0.3632,
0.5498

■ 56.2180, 0.3512,
0.4399

■ 57.6103, 0.3427,
0.4122

■ 59.1585, 0.3335,
0.3846

60.8693, 0.3239,
0.3580

62.7486, 0.3143,
0.3329

64.8022, 0.3049,
0.3097

67.0355, 0.2960,
0.2883

Harmonies

Analogous

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



52.9011, 0.4496, 0.4701



52.9011, 0.3671, 0.5131



52.9011, 0.2757, 0.4868

Triad

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



52.9011, 0.3671, 0.5131



52.9011, 0.1514, 0.2141



52.9011, 0.4285, 0.2714

Complementary

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



52.9011, 0.3671, 0.5131



10.8029, 0.2098, 0.1193

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.



52.9011, 0.3264, 0.2209



52.9011, 0.3671, 0.5131



52.9011, 0.1770, 0.1874

Square

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



52.9011, 0.3671, 0.5131



52.9011, 0.1576, 0.2803



52.9011, 0.2356, 0.1912



52.9011, 0.4968, 0.3343

Rectangle

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



52.9011, 0.3671, 0.5131



52.9011, 0.2216, 0.4245



52.9011, 0.2356, 0.1912



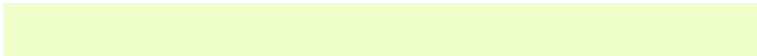
52.9011, 0.3958, 0.2527

Sweetspot

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



52.9035, 0.3671, 0.5131



93.8949, 0.3331, 0.3836



24.0690, 0.5064, 0.3812



19.9445, 0.3357, 0.3912



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.



52.9035, 0.3671, 0.5131



81.8882, 0.3672, 0.5376



47.4186, 0.3146, 0.5483



13.5990, 0.3217, 0.3523



31.7027, 0.3640, 0.5492



1.8143, 0.3744, 0.5409

Inverse Universe

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



10.8029, 0.2098, 0.1193



11.5448, 0.1871, 0.0876



17.4655, 0.2883, 0.1577



11.5997, 0.3031, 0.3053



3.6272, 0.1736, 0.0730



0.2453, 0.1942, 0.0844

Previews

White Background



This preview shows how the Yxy color 52.9011, 0.3671, 0.5131 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 52.9011, 0.3671, 0.5131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

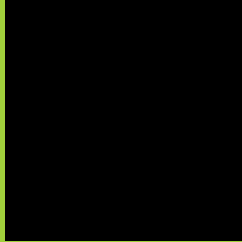
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9011, 0.3671, 0.5131

Background



This preview shows how black text looks on a background with the Yxy color 52.9011, 0.3671, 0.5131.



This preview shows how white text looks on a background with the Yxy color 52.9011, 0.3671, 0.5131.

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

52.9011, 0.3671, 0.5131

Protanopia

52.4222, 0.4277, 0.4714

Deuteranopia

52.2363, 0.4505, 0.4407



Tritanopia

52.5838, 0.2883, 0.3090

Trichromacy



Original Color

52.9011, 0.3671, 0.5131

Protanomaly

52.2758, 0.4049, 0.4875

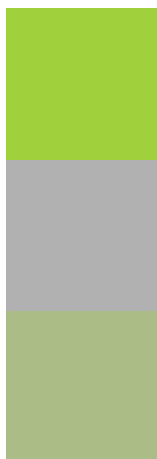
Deuteranomaly

51.3449, 0.4197, 0.4668

Tritanomaly

51.8713, 0.3225, 0.3878

Monochromacy



Original Color

52.9011, 0.3671, 0.5131

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

46.3456, 0.3402, 0.4035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9011, 0.3671, 0.5131 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, 208, 59)` looks like.

```
.text, #text, p{  
    color:rgb(160, 208, 59)  
}
```

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, 208, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 208, 59) }
```

Border

The CSS property to change the border of an element to Yxy 52.9011, 0.3671, 0.5131 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, 208, 59) }
```

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

```
.border{ border-color:rgb(160, 208, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 208, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 208, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 208, 59);  
box-shadow:4px 4px 4px 4px rgb(160, 208,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9011, 0.3671, 0.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 208, 59) }
```

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

```
.background{ background-color: rgb(160,  
208, 59) }
```

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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