

Converting Colors

$Yxy(52.6263, 0.3646, 0.5479)$

Have a look what the booklet for
Yxy(52.6263, 0.3646, 0.5479)
contains.

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Color

Yxy(52.6148, 0.3645, 0.5481)

Conversions

Conversions Part 1

Format	Color
Hex	91D303
RGB	145, 211, 3
RGB Percent	57%, 83%, 1%
CMY	0.4313, 0.1725, 0.9892
CMYK	0.31, 0.00, 0.99, 0.17
HSL	79°, 97%, 42%
HSV	79°, 99%, 83%
XYZ	34.9901, 52.6148, 8.3900
YIQ	167.5540, 27.4320, -78.6800

Conversions

Conversions Part 2

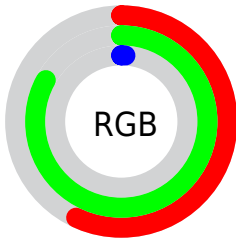
Format	Color
RYB	3, 211, 69
Decimal	9556739
CIELab	77.65, -45.30, 76.35
CIELCh	78, 88.782, 120.682
Yxy	52.6148, 0.3645, 0.5481
Android (android.graphics.Color)	4287746819 (0xFF91D303)
YUV	167.5540, -81.1251, -19.7799
Hunter-Lab	72.5361, -40.8328, 43.9174

Details

The Yxy color **52.6148, 0.3645, 0.5481** 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 **6.0185, 0.1729, 0.0731**, and the grayscale version is **39.3133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0132, 0.3686, 0.5029**, and **25.8032, 0.3456, 0.5638** is the 20% darker color. If you saturate the color by 10%, you get **52.5320, 0.3640, 0.5492**, and if you desaturate by 10%, it is **53.3019, 0.3676, 0.5390**.

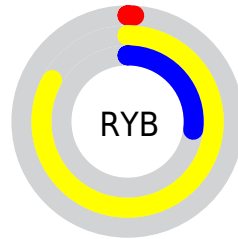
Distribution



Red (57%)

Green (83%)

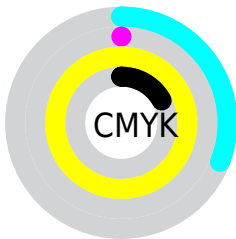
Blue (1%)



Red (1%)

Yellow (83%)

Blue (27%)

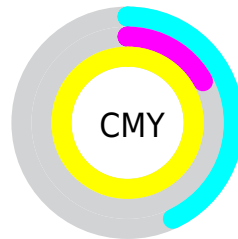


Cyan (31%)

Magenta (0%)

Yellow (99%)

Black (17%)



Cyan (43%)


Magenta (17%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6148, 0.3645, 0.5481 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 52.6148, 0.3645, 0.5481 by changing the saturation by 10% instead.


 52.6148, 0.3645,
0.5481

 52.6148, 0.3645,
0.5481


396.8055, 0.3505,
0.4401


 37.4954, 0.3633,
0.5718


 94.0373, 0.3628,
0.5107


 25.5913, 0.3591,
0.5996


 121.1092, 0.3612,
0.4960


 16.5181, 0.3506,
0.6339


 152.9339, 0.3593,
0.4833

 9.8915, 0.3307,
0.6693

 189.8960, 0.3574,
0.4723

 5.3271, 0.2937,
0.7063

 232.3798, 0.3556,
0.4627

 2.4404, 0.2353,
0.7647

 280.7698, 0.3538,

 0.8466, 0.0000,

0.4543

1.0000

335.4502, 0.3521,
0.4468

■ 0.0000, 0.0000,
0.0000

■ 52.6148, 0.3645,
0.5481

■ 52.6148, 0.3645,
0.5481

■ 52.5320, 0.3640,
0.5492

■ 53.3019, 0.3676,
0.5390

■ 54.0874, 0.3686,
0.5254

■ 54.9910, 0.3670,
0.5069

■ 56.0238, 0.3630,
0.4844

■ 57.1955, 0.3569,
0.4589

■ 58.5146, 0.3492,
0.4317

■ 59.9887, 0.3403,
0.4040

■ 61.6250, 0.3308,
0.3767

■ 63.4301, 0.3211,
0.3505

Harmonies

Analogous

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



52.6148, 0.4617, 0.4896



52.6148, 0.3645, 0.5481



52.6148, 0.2605, 0.5190

Triad

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



52.6148, 0.3645, 0.5481



52.6148, 0.1298, 0.1923



52.6148, 0.4549, 0.2636

Complementary

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



52.6148, 0.3645, 0.5481



6.0185, 0.1729, 0.0731

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.



52.6148, 0.3327, 0.2068



52.6148, 0.3645, 0.5481



52.6148, 0.1594, 0.1664

Square

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



52.6148, 0.3645, 0.5481



52.6148, 0.1336, 0.2636



52.6148, 0.2260, 0.1728



52.6148, 0.5321, 0.3329

Rectangle

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



52.6148, 0.3645, 0.5481



52.6148, 0.2001, 0.4387



52.6148, 0.2260, 0.1728



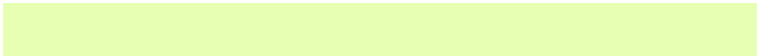
52.6148, 0.4159, 0.2427

Sweetspot

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



52.6171, 0.3645, 0.5481



91.7041, 0.3418, 0.4085



18.0747, 0.5904, 0.3681



19.4193, 0.3456, 0.4204



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.



52.6171, 0.3645, 0.5481



80.5431, 0.3635, 0.5496



47.0650, 0.3059, 0.5945



13.6020, 0.3218, 0.3523



31.7597, 0.3649, 0.5485



1.8172, 0.3751, 0.5404

Inverse Universe

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



6.0185, 0.1729, 0.0731



8.9599, 0.1706, 0.0713



13.6271, 0.2751, 0.1294



11.5968, 0.3031, 0.3053



3.6039, 0.1729, 0.0726



0.2437, 0.1935, 0.0840

Previews

White Background



This preview shows how the Yxy color 52.6148, 0.3645, 0.5481 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 52.6148, 0.3645, 0.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

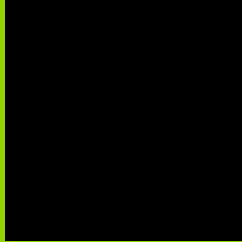
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6148, 0.3645, 0.5481

Background



This preview shows how black text looks on a background with the Yxy color 52.6148, 0.3645, 0.5481.



This preview shows how white text looks on a background with the Yxy color 52.6148, 0.3645, 0.5481.

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

52.6148, 0.3645, 0.5481

Protanopia

52.2982, 0.4405, 0.4884

Deuteranopia

51.9017, 0.4653, 0.4541



Tritanopia

52.3403, 0.2792, 0.3086

Trichromacy



Original Color

52.6148, 0.3645, 0.5481

Protanomaly

51.7962, 0.4113, 0.5114

Deuteranomaly

50.8957, 0.4284, 0.4901

Tritanomaly

50.8200, 0.3251, 0.4190

Monochromacy



Original Color

52.6148, 0.3645, 0.5481

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

42.8373, 0.3511, 0.4379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6148, 0.3645, 0.5481 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(145, 211, 3)` looks like.

```
.text, #text, p{  
    color:rgb(145, 211, 3)  
}
```

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(145, 211, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 211, 3) }
```

Border

The CSS property to change the border of an element to Yxy 52.6148, 0.3645, 0.5481 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(145, 211, 3) }
```

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

```
.border{ border-color:rgb(145, 211, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 211, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 211, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 211, 3);  
box-shadow:4px 4px 4px 4px rgb(145, 211,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6148, 0.3645, 0.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 211, 3) }
```

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

```
.background{ background-color: rgb(145,  
211, 3) }
```

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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