

Converting Colors

Yxy(52.6356, 0.3648, 0.5459)

Have a look what the booklet for
Yxy(52.6356, 0.3648, 0.5459)
contains.

Yxy(52.7237, 0.3646, 0.5460)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7237, 0.3646, 0.5460)

Conversions

Conversions Part 1

Format	Color
Hex	92D30B
RGB	146, 211, 11
RGB Percent	57%, 83%, 4%
CMY	0.4275, 0.1725, 0.9574
CMYK	0.31, 0.00, 0.95, 0.17
HSL	79°, 90%, 44%
HSV	79°, 95%, 83%
XYZ	35.2071, 52.7237, 8.6328
YIQ	168.7650, 25.4600, -75.9800

Conversions

Conversions Part 2

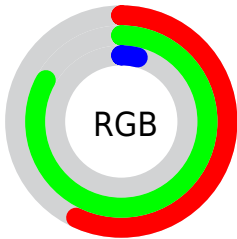
Format	Color
RYB	11, 211, 76
Decimal	9622283
CIELab	77.71, -44.84, 75.65
CIELCh	78, 87.943, 120.657
Yxy	52.7237, 0.3646, 0.5460
Android (android.graphics.Color)	4287812363 (0xFF92D30B)
YUV	168.7650, -77.7781, -19.9649
Hunter-Lab	72.6111, -40.5198, 43.7787

Details

The Yxy color **52.7237, 0.3646, 0.5460** 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 **6.4711, 0.1780, 0.0776**, and the grayscale version is **39.9291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1873, 0.3686, 0.5011**, and **25.8516, 0.3466, 0.5630** is the 20% darker color. If you saturate the color by 10%, you get **52.3838, 0.3627, 0.5502**, and if you desaturate by 10%, it is **53.4534, 0.3671, 0.5352**.

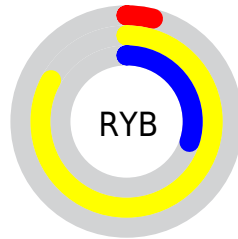
Distribution



Red (57%)

Green (83%)

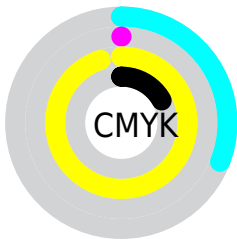
Blue (4%)



Red (4%)

Yellow (83%)

Blue (30%)

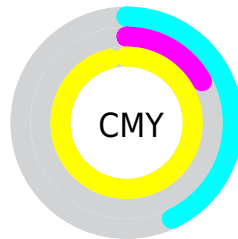


Cyan (31%)

Magenta (0%)

Yellow (95%)

Black (17%)



Cyan (43%)


Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7237, 0.3646, 0.5460 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 52.7237, 0.3646, 0.5460 by changing the saturation by 10% instead.

 52.7237, 0.3646,
0.5460

 52.7237, 0.3646,
0.5460


397.2242, 0.3503,
0.4390


 37.5822, 0.3636,
0.5696


 94.1977, 0.3627,
0.5089


 25.6586, 0.3596,
0.5972


 121.2990, 0.3610,
0.4943

 16.5684, 0.3513,
0.6311

 153.1557, 0.3591,
0.4818

 9.9273, 0.3326,
0.6674

 190.1522, 0.3572,
0.4709

 5.3508, 0.2960,
0.7040

 232.6729, 0.3554,
0.4614

 2.4545, 0.2386,
0.7614

 281.1022, 0.3536,

 0.8537, 0.0000,

0.4530

1.0000

335.8245, 0.3519,
0.4456

■ 0.0000, 0.0000,
0.0000

■ 52.7237, 0.3646,
0.5460

■ 52.7237, 0.3646,
0.5460

■ 52.3838, 0.3627,
0.5502

■ 53.4534, 0.3671,
0.5352

■ 54.2923, 0.3672,
0.5195

■ 55.2556, 0.3648,
0.4992

■ 56.3539, 0.3601,
0.4753

■ 57.5964, 0.3535,
0.4489

■ 58.9911, 0.3454,
0.4213

■ 60.5458, 0.3364,
0.3935

■ 62.2671, 0.3269,
0.3665

■ 64.1617, 0.3173,
0.3408

Harmonies

Analogous

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



52.7237, 0.4610, 0.4887



52.7237, 0.3646, 0.5460



52.7237, 0.2613, 0.5168

Triad

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



52.7237, 0.3646, 0.5460



52.7237, 0.1311, 0.1935



52.7237, 0.4534, 0.2642

Complementary

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



52.7237, 0.3646, 0.5460



6.4711, 0.1780, 0.0776

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.



52.7237, 0.3325, 0.2077



52.7237, 0.3646, 0.5460



52.7237, 0.1605, 0.1676

Square

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



52.7237, 0.3646, 0.5460



52.7237, 0.1350, 0.2645



52.7237, 0.2267, 0.1739



52.7237, 0.5300, 0.3332

Rectangle

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



52.7237, 0.3646, 0.5460



52.7237, 0.2013, 0.4376



52.7237, 0.2267, 0.1739



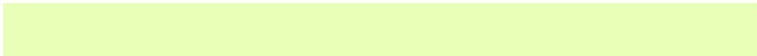
52.7237, 0.4148, 0.2434

Sweetspot

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



52.7260, 0.3646, 0.5460



92.0874, 0.3396, 0.4030



18.8036, 0.5810, 0.3717



19.4892, 0.3435, 0.4152



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.



52.7260, 0.3646, 0.5460



80.3095, 0.3621, 0.5507



47.2333, 0.3072, 0.5910



13.5972, 0.3217, 0.3523



31.6688, 0.3635, 0.5495



1.8126, 0.3740, 0.5412

Inverse Universe

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



6.4711, 0.1780, 0.0776



9.0514, 0.1716, 0.0719



13.9744, 0.2770, 0.1316



11.6015, 0.3032, 0.3053



3.6413, 0.1740, 0.0732



0.2462, 0.1947, 0.0846

Previews

White Background



This preview shows how the Yxy color 52.7237, 0.3646, 0.5460 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 52.7237, 0.3646, 0.5460 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 52.7237, 0.3646, 0.5460

Background



This preview shows how black text looks on a background with the Yxy color 52.7237, 0.3646, 0.5460.



This preview shows how white text looks on a background with the Yxy color 52.7237, 0.3646, 0.5460.

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

52.7237, 0.3646, 0.5460

Protanopia

52.2982, 0.4405, 0.4884

Deuteranopia

51.9086, 0.4649, 0.4537



Tritanopia

52.4488, 0.2799, 0.3087

Trichromacy



Original Color

52.7237, 0.3646, 0.5460

Protanomaly

51.9320, 0.4119, 0.5102

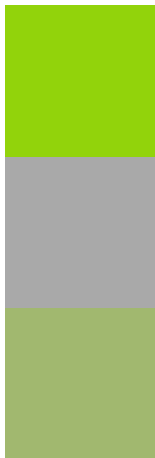
Deuteranomaly

50.9148, 0.4276, 0.4888

Tritanomaly

51.0083, 0.3239, 0.4146

Monochromacy



Original Color

52.7237, 0.3646, 0.5460

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

43.0057, 0.3498, 0.4334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7237, 0.3646, 0.5460 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(146, 211, 11)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 11)  
}
```

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(146, 211, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 11) }
```

Border

The CSS property to change the border of an element to Yxy 52.7237, 0.3646, 0.5460 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(146, 211, 11) }
```

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

```
.border{ border-color:rgb(146, 211, 11) }
```

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

Here you see how a box with a 4 pixel rgb(146, 211, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 11);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7237, 0.3646, 0.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 11) }
```

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

```
.background{ background-color: rgb(146,  
211, 11) }
```

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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