

Converting Colors

$Yxy(60.4884, 0.3573, 0.5531)$

Have a look what the booklet for
Yxy(60.4884, 0.3573, 0.5531)
contains.

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Color

Yxy(60.5169, 0.3573, 0.5532)

Conversions

Conversions Part 1

Format	Color
Hex	92E206
RGB	146, 226, 6
RGB Percent	57%, 89%, 2%
CMY	0.4273, 0.1137, 0.9767
CMYK	0.35, 0.00, 0.97, 0.11
HSL	82°, 95%, 45%
HSV	82°, 97%, 89%
XYZ	39.0866, 60.5169, 9.7908
YIQ	177.0000, 22.9400, -85.3800

Conversions

Conversions Part 2

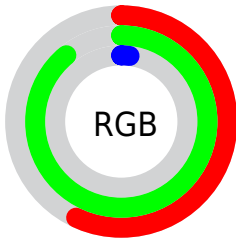
Format	Color
RYB	6, 226, 86
Decimal	9626118
CIELab	82.12, -51.10, 79.57
CIELCh	82, 94.566, 122.711
Yxy	60.5169, 0.3573, 0.5532
Android (android.graphics.Color)	4287816198 (0xFF92E206)
YUV	177.0000, -84.3030, -27.1870
Hunter-Lab	77.7926, -46.4505, 46.9927

Details

The Yxy color **60.5169, 0.3573, 0.5532** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7.5949, 0.1804, 0.0777**, and the grayscale version is **44.4104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3631, 0.3685, 0.4992**, and **30.7279, 0.3378, 0.5700** is the 20% darker color. If you saturate the color by 10%, you get **60.3102, 0.3562, 0.5554**, and if you desaturate by 10%, it is **61.3732, 0.3610, 0.5432**.

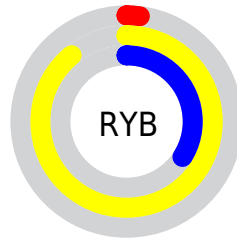
Distribution



Red (57%)

Green (89%)

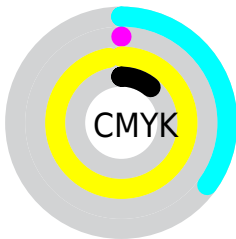
Blue (2%)



Red (2%)

Yellow (89%)

Blue (34%)

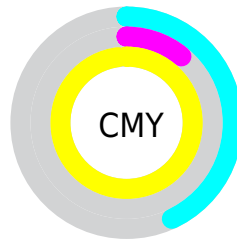


Cyan (35%)

Magenta (0%)

Yellow (97%)

Black (11%)



Cyan (43%)


Magenta (11%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5169, 0.3573, 0.5532 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 60.5169, 0.3573, 0.5532 by changing the saturation by 10% instead.


 60.5169, 0.3573,
0.5532


 60.5169, 0.3573,
0.5532


 426.5004, 0.3475,
0.4445

 43.8354, 0.3554,
0.5768


 105.5791, 0.3570,
0.5159


 30.5411, 0.3506,
0.6043


 134.7287, 0.3559,
0.5011

 20.2497, 0.3409,
0.6365


 168.8030, 0.3546,
0.4884

 12.5767, 0.3240,
0.6760

 208.1865, 0.3532,
0.4773

 7.1377, 0.2892,
0.7108

 253.2636, 0.3517,
0.4675

 3.5484, 0.2371,
0.7629

 304.4187, 0.3503,

 1.4243, 0.0190,

0.4589

0.9810

362.0362, 0.3489,
0.4513

■ 0.2345, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5169, 0.3573,
0.5532

■ 60.5169, 0.3573,
0.5532

■ 60.3102, 0.3562,
0.5554

■ 61.3732, 0.3610,
0.5432

■ 62.3624, 0.3624,
0.5281

■ 63.5047, 0.3613,
0.5082

■ 64.8136, 0.3578,
0.4843

■ 66.3005, 0.3523,
0.4576

■ 67.9757, 0.3452,
0.4295

■ 69.8486, 0.3370,
0.4012

■ 71.9279, 0.3283,
0.3735

■ 74.2214, 0.3193,
0.3472

Harmonies

Analogous

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



60.5169, 0.4570, 0.4964



60.5169, 0.3573, 0.5532



60.5169, 0.2525, 0.5163

Triad

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



60.5169, 0.3573, 0.5532



60.5169, 0.1287, 0.1873



60.5169, 0.4647, 0.2670

Complementary

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



60.5169, 0.3573, 0.5532



7.5949, 0.1804, 0.0777

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.



60.5169, 0.3414, 0.2085



60.5169, 0.3573, 0.5532



60.5169, 0.1608, 0.1639

Square

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



60.5169, 0.3573, 0.5532



60.5169, 0.1300, 0.2556



60.5169, 0.2308, 0.1724



60.5169, 0.5378, 0.3373

Rectangle

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



60.5169, 0.3573, 0.5532



60.5169, 0.1930, 0.4308



60.5169, 0.2308, 0.1724



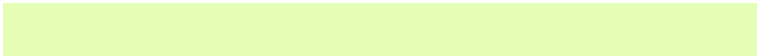
60.5169, 0.4258, 0.2456

Sweetspot

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



60.5196, 0.3573, 0.5532



91.3726, 0.3386, 0.4063



22.3633, 0.5794, 0.3757



19.3287, 0.3421, 0.4185



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.



60.5196, 0.3573, 0.5532



79.2355, 0.3558, 0.5557



54.8366, 0.3045, 0.5949



15.7675, 0.3212, 0.3526



34.4761, 0.3571, 0.5546



2.4398, 0.3667, 0.5470

Inverse Universe

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



7.5949, 0.1804, 0.0777



9.5302, 0.1770, 0.0749



16.9566, 0.2838, 0.1345



13.4845, 0.3037, 0.3052



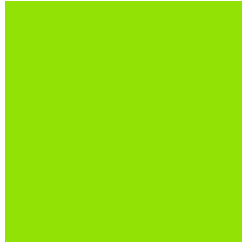
4.2208, 0.1791, 0.0760



0.3420, 0.1964, 0.0856

Previews

White Background



This preview shows how the Yxy color 60.5169, 0.3573, 0.5532 looks on a white background.

Color Contrast Check

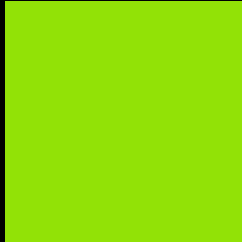
Large Text (above 18pt) WCAG AA × Fail

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 60.5169, 0.3573, 0.5532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

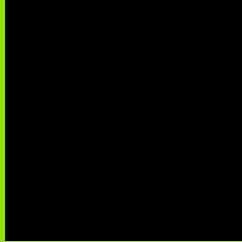
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5169, 0.3573, 0.5532

Background



This preview shows how black text looks on a background with the Yxy color 60.5169, 0.3573, 0.5532.



This preview shows how white text looks on a background with the Yxy color 60.5169, 0.3573, 0.5532.

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

60.5169, 0.3573, 0.5532

Protanopia

59.8437, 0.4402, 0.4887

Deuteranopia

59.6663, 0.4604, 0.4505



Tritanopia

60.1853, 0.2741, 0.3084

Trichromacy



Original Color

60.5169, 0.3573, 0.5532



Protanomaly

59.2335, 0.4084, 0.5135



Deuteranomaly

58.2433, 0.4225, 0.4903



Tritanomaly

58.7954, 0.3182, 0.4202

Monochromacy



Original Color

60.5169, 0.3573, 0.5532



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

48.3750, 0.3477, 0.4388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5169, 0.3573, 0.5532 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, 226, 6)` looks like.

```
.text, #text, p{  
    color:rgb(146, 226, 6)  
}
```

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, 226, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 226, 6) }
```

Border

The CSS property to change the border of an element to Yxy 60.5169, 0.3573, 0.5532 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, 226, 6) }
```

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

```
.border{ border-color:rgb(146, 226, 6) }
```

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

Here you see how a box with a 4 pixel rgb(146, 226, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 226, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 226, 6);  
box-shadow:4px 4px 4px 4px rgb(146, 226,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5169, 0.3573, 0.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 226, 6) }
```

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

```
.background{ background-color: rgb(146,  
226, 6) }
```

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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