

Converting Colors

Yxy(59.1224, 0.3458, 0.5345)

Have a look what the booklet for
Yxy(59.1224, 0.3458, 0.5345)
contains.

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Color

Yxy(59.2694, 0.3460, 0.5343)

Conversions

Conversions Part 1

Format	Color
Hex	8DE039
RGB	141, 224, 57
RGB Percent	55%, 88%, 22%
CMY	0.4469, 0.1216, 0.7767
CMYK	0.37, 0.00, 0.75, 0.12
HSL	90°, 73%, 55%
HSV	90°, 75%, 88%
XYZ	38.3815, 59.2694, 13.2782
YIQ	180.1450, 4.1390, -69.5330

Conversions

Conversions Part 2

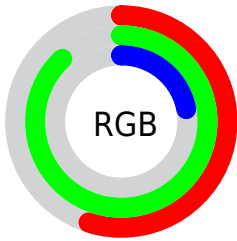
Format	Color
RYB	57, 224, 140
Decimal	9297977
CIELab	81.44, -50.43, 68.82
CIELCh	81, 85.317, 126.232
Yxy	59.2694, 0.3460, 0.5343
Android (android.graphics.Color)	4287488057 (0xFF8DE039)
YUV	180.1450, -60.7105, -34.3302
Hunter-Lab	76.9866, -45.7359, 43.6646

Details

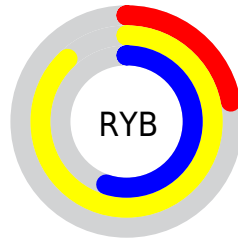
The Yxy color **59.2694, 0.3460, 0.5343** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **13.8678, 0.2308, 0.1245**, and the grayscale version is **46.0559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0372, 0.3540, 0.4803**, and **29.7991, 0.3355, 0.5718** is the 20% darker color. If you saturate the color by 10%, you get **58.1689, 0.3436, 0.5530**, and if you desaturate by 10%, it is **60.5715, 0.3461, 0.5106**.

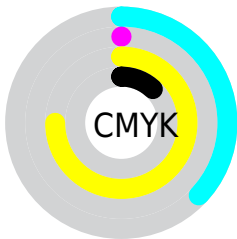
Distribution



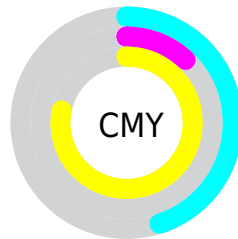
- Red (55%)
- Green (88%)
- Blue (22%)



- Red (22%)
- Yellow (88%)
- Blue (55%)



- Cyan (37%)
- Magenta (0%)
- Yellow (75%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2694, 0.3460, 0.5343 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 59.2694, 0.3460, 0.5343 by changing the saturation by 10% instead.


 59.2694, 0.3460,
0.5343

 59.2694, 0.3460,
0.5343


421.8995, 0.3385,
0.4321


 42.8300, 0.3446,
0.5579


 103.7691, 0.3457,
0.4983

 29.7518, 0.3410,
0.5864


 132.5982, 0.3448,
0.4843


 19.6503, 0.3332,
0.6209


 166.3261, 0.3438,
0.4724

 12.1411, 0.3210,
0.6689

 205.3370, 0.3427,
0.4621

 6.8398, 0.2890,
0.7110

 250.0154, 0.3416,
0.4531

 3.3621, 0.2360,
0.7640

300.7457, 0.3406,

 1.3236, 0.0000,

0.4453

1.0000

357.9123, 0.3395,
0.4383

■ 0.1594, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2694, 0.3460,
0.5343

■ 59.2694, 0.3460,
0.5343

■ 58.1689, 0.3436,
0.5530

■ 60.5715, 0.3461,
0.5106

■ 57.2453, 0.3391,
0.5660

■ 62.0818, 0.3442,
0.4834

■ 56.8065, 0.3362,
0.5712

■ 63.8154, 0.3404,
0.4540

■ 65.7837, 0.3352,
0.4239

67.9971, 0.3292,
0.3945

70.4653, 0.3226,
0.3664

73.1976, 0.3158,
0.3403

76.2024, 0.3091,
0.3163

79.2585, 0.3047,
0.2980

Harmonies

Analogous

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



59.2694, 0.4398, 0.4948



59.2694, 0.3460, 0.5343



59.2694, 0.2489, 0.4853

Triad

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



59.2694, 0.3460, 0.5343



59.2694, 0.1426, 0.1939



59.2694, 0.4624, 0.2802

Complementary

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



59.2694, 0.3460, 0.5343



13.8678, 0.2308, 0.1245

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.



59.2694, 0.3531, 0.2228



59.2694, 0.3460, 0.5343



59.2694, 0.1772, 0.1747

Square

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



59.2694, 0.3460, 0.5343



59.2694, 0.1407, 0.2532



59.2694, 0.2480, 0.1857



59.2694, 0.5218, 0.3482

Rectangle

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



59.2694, 0.3460, 0.5343



59.2694, 0.1954, 0.4057



59.2694, 0.2480, 0.1857



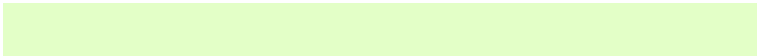
59.2694, 0.4289, 0.2594

Sweetspot

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



59.2720, 0.3460, 0.5343



91.9927, 0.3276, 0.3875



34.2277, 0.4877, 0.4120



19.5046, 0.3294, 0.3953



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.



59.2720, 0.3460, 0.5343



77.2578, 0.3411, 0.5616



54.5581, 0.3025, 0.5645



15.6745, 0.3191, 0.3527



33.1339, 0.3373, 0.5704



2.3499, 0.3490, 0.5611

Inverse Universe

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



13.8678, 0.2308, 0.1245



13.4663, 0.2107, 0.0974



23.7073, 0.3172, 0.1678



13.5759, 0.3058, 0.3053



5.1770, 0.2020, 0.0886



0.4121, 0.2188, 0.0979

Previews

White Background



This preview shows how the Yxy color 59.2694, 0.3460, 0.5343 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 59.2694, 0.3460, 0.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

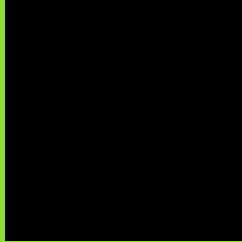
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2694, 0.3460, 0.5343

Background



This preview shows how black text looks on a background with the Yxy color 59.2694, 0.3460, 0.5343.

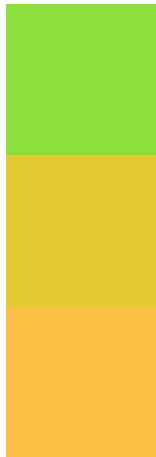


This preview shows how white text looks on a background with the Yxy color 59.2694, 0.3460, 0.5343.

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

59.2694, 0.3460, 0.5343

Protanopia

58.6488, 0.4302, 0.4753

Deuteranopia

58.2130, 0.4522, 0.4423



Tritanopia

58.9844, 0.2708, 0.3081

Trichromacy



Original Color

59.2694, 0.3460, 0.5343



Protanomaly

57.9523, 0.3973, 0.4984



Deuteranomaly

56.9424, 0.4114, 0.4764



Tritanomaly

57.8777, 0.3034, 0.3941

Monochromacy



Original Color

59.2694, 0.3460, 0.5343



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

49.3361, 0.3333, 0.4128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2694, 0.3460, 0.5343 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(141, 224, 57)` looks like.

```
.text, #text, p{  
    color:rgb(141, 224, 57)  
}
```

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(141, 224, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 224, 57) }
```

Border

The CSS property to change the border of an element to Yxy 59.2694, 0.3460, 0.5343 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(141, 224, 57) }
```

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

```
.border{ border-color:rgb(141, 224, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 224, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 224, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 224, 57);  
box-shadow:4px 4px 4px 4px rgb(141, 224,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2694, 0.3460, 0.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 224, 57) }
```

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

```
.background{ background-color: rgb(141,  
224, 57) }
```

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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