

Converting Colors

Yxy(57.2054, 0.3105, 0.5333)

Have a look what the booklet for
Yxy(57.2054, 0.3105, 0.5333)
contains.

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Color

Yxy(57.4440, 0.3107, 0.5339)

Conversions

Conversions Part 1

Format	Color
Hex	60E24F
RGB	96, 226, 79
RGB Percent	38%, 89%, 31%
CMY	0.6236, 0.1137, 0.6902
CMYK	0.58, 0.00, 0.65, 0.11
HSL	113°, 72%, 60%
HSV	113°, 65%, 89%
XYZ	33.4292, 57.4440, 16.7200
YIQ	170.3720, -30.2930, -73.2770

Conversions

Conversions Part 2

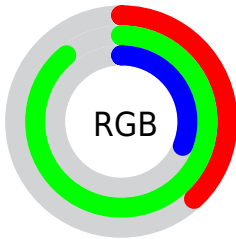
Format	Color
RYB	79, 226, 209
Decimal	6349391
CIELab	80.43, -62.70, 59.16
CIElCh	80, 86.204, 136.667
Yxy	57.4440, 0.3107, 0.5339
Android (android.graphics.Color)	4284539471 (0xFF60E24F)
YUV	170.3720, -45.0464, -65.2242
Hunter-Lab	75.7918, -53.9054, 39.9747

Details

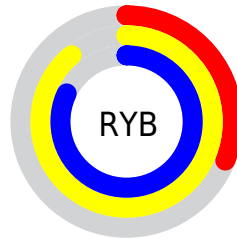
The Yxy color **57.4440, 0.3107, 0.5339** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **24.6397, 0.3017, 0.1736**, and the grayscale version is **40.6321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5103, 0.3188, 0.4738**, and **28.4556, 0.2992, 0.5928** is the 20% darker color. If you saturate the color by 10%, you get **56.2219, 0.3086, 0.5614**, and if you desaturate by 10%, it is **59.0584, 0.3123, 0.5015**.

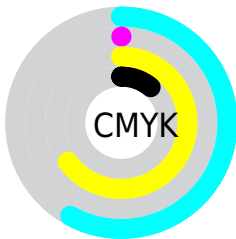
Distribution



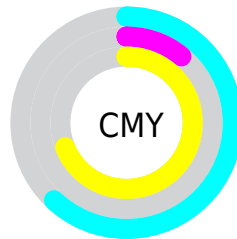
- Red (38%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)





- Cyan (62%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4440, 0.3107, 0.5339 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 57.4440, 0.3107, 0.5339 by changing the saturation by 10% instead.


 57.4440, 0.3107,
0.5339

 57.4440, 0.3107,
0.5339

415.1110, 0.3188,
0.4280

 41.3618, 0.3062,
0.5601


 101.1128, 0.3155,
0.4953

 28.6019, 0.2991,
0.5929


 129.4681, 0.3167,
0.4808


 18.7799, 0.2873,
0.6346


 162.6833, 0.3175,
0.4685

 11.5113, 0.2675,
0.6884

 201.1428, 0.3181,
0.4580

 6.4119, 0.2353,
0.7647

 245.2309, 0.3184,
0.4490

 3.0971, 0.1665,
0.8335

295.3320, 0.3186,

 1.1826, 0.0000,

0.4411

1.0000

351.8306, 0.3188,
0.4342

■ 0.0475, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4440, 0.3107,
0.5339

■ 57.4440, 0.3107,
0.5339

■ 56.2219, 0.3086,
0.5614

■ 59.0584, 0.3123,
0.5015

■ 55.3515, 0.3061,
0.5820

■ 61.0871, 0.3133,
0.4669

■ 54.7964, 0.3035,
0.5943


■ 63.5589, 0.3138,
0.4322

■ 54.6177, 0.3025,
0.5980

■ 66.4982, 0.3139,
0.3992

 69.9273, 0.3136,
0.3688

 73.8674, 0.3130,
0.3415

 78.3382, 0.3124,
0.3175

 82.8765, 0.3140,
0.3009

Harmonies

Analogous

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



57.4440, 0.4098, 0.5183



57.4440, 0.3107, 0.5339



57.4440, 0.2171, 0.4491

Triad

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



57.4440, 0.3107, 0.5339



57.4440, 0.1484, 0.1809



57.4440, 0.4948, 0.3022

Complementary

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



57.4440, 0.3107, 0.5339



24.6397, 0.3017, 0.1736

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.



57.4440, 0.3949, 0.2394



57.4440, 0.3107, 0.5339



57.4440, 0.1955, 0.1730

Square

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



57.4440, 0.3107, 0.5339



57.4440, 0.1350, 0.2251



57.4440, 0.2806, 0.1937



57.4440, 0.5287, 0.3731

Rectangle

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



57.4440, 0.3107, 0.5339



57.4440, 0.1716, 0.3606



57.4440, 0.2806, 0.1937



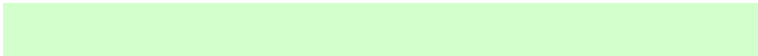
57.4440, 0.4669, 0.2800

Sweetspot

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



57.4464, 0.3107, 0.5339



89.5656, 0.3138, 0.3839



62.2640, 0.4136, 0.4636



18.9037, 0.3138, 0.3926



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.



57.4464, 0.3107, 0.5339



73.4723, 0.3078, 0.5695



57.8173, 0.2785, 0.4625



15.4127, 0.3133, 0.3531



31.1833, 0.3030, 0.5976



2.1870, 0.3101, 0.5920

Inverse Universe

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



24.6397, 0.3017, 0.1736



27.2167, 0.2980, 0.1537



24.6493, 0.3887, 0.2315



13.8510, 0.3120, 0.3058



10.1625, 0.2920, 0.1382



0.7275, 0.2968, 0.1408

Previews

White Background



This preview shows how the Yxy color 57.4440, 0.3107, 0.5339 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 57.4440, 0.3107, 0.5339 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 57.4440, 0.3107, 0.5339

Background



This preview shows how black text looks on a background with the Yxy color 57.4440, 0.3107, 0.5339.



This preview shows how white text looks on a background with the Yxy color 57.4440, 0.3107, 0.5339.

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

57.4440, 0.3107, 0.5339

Protanopia

56.2153, 0.4211, 0.4627

Deuteranopia

56.1342, 0.4379, 0.4273



Tritanopia

56.8349, 0.2494, 0.3058

Trichromacy



Original Color

57.4440, 0.3107, 0.5339



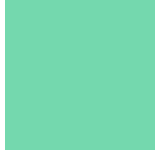
Protanomaly

54.8363, 0.3743, 0.4923



Deuteranomaly

54.0055, 0.3840, 0.4678



Tritanomaly

55.8807, 0.2735, 0.3880

Monochromacy



Original Color

57.4440, 0.3107, 0.5339



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.4727, 0.3138, 0.4074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4440, 0.3107, 0.5339 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(96, 226, 79)` looks like.

```
.text, #text, p{  
    color:rgb(96, 226, 79)  
}
```

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(96, 226, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 226, 79) }
```

Border

The CSS property to change the border of an element to Yxy 57.4440, 0.3107, 0.5339 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(96, 226, 79) }
```

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

```
.border{ border-color:rgb(96, 226, 79) }
```

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

Here you see how a box with a 4 pixel rgb(96, 226, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 226, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 226, 79);  
box-shadow:4px 4px 4px 4px rgb(96, 226,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4440, 0.3107, 0.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 226, 79) }
```

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

```
.background{ background-color: rgb(96, 226,  
79) }
```

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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