

Converting Colors

$Yxy(59.3999, 0.2857, 0.4363)$

Have a look what the booklet for
Yxy(59.3999, 0.2857, 0.4363)
contains.

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Color

Yxy(59.3999, 0.2857, 0.4363)

Conversions

Conversions Part 1

Format	Color
Hex	6FE195
RGB	111, 225, 149
RGB Percent	44%, 88%, 58%
CMY	0.5651, 0.1176, 0.4157
CMYK	0.51, 0.00, 0.34, 0.12
HSL	140°, 66%, 66%
HSV	140°, 51%, 88%
XYZ	38.8965, 59.3999, 37.8482
YIQ	182.2500, -43.5480, -47.8040

Conversions

Conversions Part 2

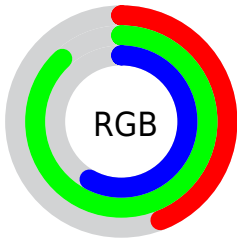
Format	Color
RYB	111, 197, 225
Decimal	7332245
CIELab	81.51, -49.09, 27.50
CIELCh	82, 56.266, 150.743
Yxy	59.3999, 0.2857, 0.4363
Android (android.graphics.Color)	4285522325 (0xFF6FE195)
YUV	182.2500, -16.3922, -62.4862
Hunter-Lab	77.0713, -44.7891, 24.8338

Details

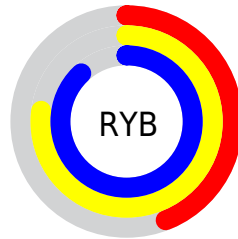
The Yxy color **59.3999, 0.2857, 0.4363** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.9430, 0.3593, 0.2433**, and the grayscale version is **47.0200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3146, 0.2899, 0.3878**, and **29.9107, 0.2761, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **57.6750, 0.2828, 0.4621**, and if you desaturate by 10%, it is **61.5588, 0.2898, 0.4114**.

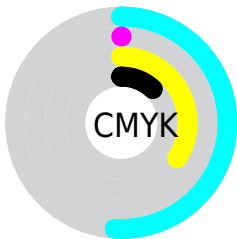
Distribution



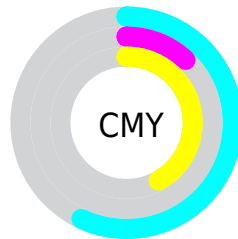
- Red (44%)
- Green (88%)
- Blue (58%)



- Red (44%)
- Yellow (77%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)





- Cyan (57%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3999, 0.2857, 0.4363 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 59.3999, 0.2857, 0.4363 by changing the saturation by 10% instead.


 59.3999, 0.2857,
0.4363


 59.3999, 0.2857,
0.4363


422.3823, 0.3004,
0.3815


 42.9351, 0.2817,
0.4502

 103.9587, 0.2913,
0.4162

 29.8342, 0.2763,
0.4683


 132.8214, 0.2934,
0.4086

 19.7128, 0.2688,
0.4923


 166.5856, 0.2950,
0.4023

 12.1864, 0.2579,
0.5260

205.6357, 0.2965,
0.3969

 6.8708, 0.2405,
0.5757

250.3560, 0.2977,
0.3923

 3.3814, 0.2113,
0.6582

301.1309, 0.2987,

 1.3340, 0.0096,

0.3882

0.9904

358.3449, 0.2996,
0.3846

■ 0.1673, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3999, 0.2857,
0.4363

■ 59.3999, 0.2857,
0.4363

■ 57.6750, 0.2828,
0.4621

■ 61.5588, 0.2898,
0.4114

■ 56.3463, 0.2815,
0.4880


■ 64.1717, 0.2948,
0.3880


■ 55.3814, 0.2818,
0.5127


■ 67.2663, 0.3004,
0.3666


■ 54.7393, 0.2840,
0.5352


■ 70.8658, 0.3063,
0.3473

 54.3686, 0.2870,
0.5533

 74.9918, 0.3123,
0.3301

 79.6649, 0.3182,
0.3150

 82.2701, 0.3148,
0.3010

 82.3390, 0.3141,
0.2999

Harmonies

Analogous

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



59.3999, 0.3554, 0.4625



59.3999, 0.2857, 0.4363



59.3999, 0.2270, 0.3676

Triad

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



59.3999, 0.2857, 0.4363



59.3999, 0.2103, 0.2201



59.3999, 0.4485, 0.3404

Complementary

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



59.3999, 0.2857, 0.4363



30.9430, 0.3593, 0.2433

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.



59.3999, 0.4004, 0.2890



59.3999, 0.2857, 0.4363



59.3999, 0.2585, 0.2230

Square

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



59.3999, 0.2857, 0.4363



59.3999, 0.1881, 0.2425



59.3999, 0.3278, 0.2476



59.3999, 0.4533, 0.3943

Rectangle

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



59.3999, 0.2857, 0.4363



59.3999, 0.2014, 0.3164



59.3999, 0.3278, 0.2476



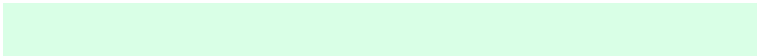
59.3999, 0.4368, 0.3226

Sweetspot

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



59.4023, 0.2857, 0.4363



91.9196, 0.3037, 0.3555



65.5668, 0.3569, 0.4655



19.4589, 0.3024, 0.3596



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.



59.4023, 0.2857, 0.4363



76.4448, 0.2827, 0.4640



61.6885, 0.2560, 0.3540



15.4124, 0.3071, 0.3450



31.3441, 0.2863, 0.5505



2.1888, 0.2775, 0.5190

Inverse Universe

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



30.9430, 0.3593, 0.2433



34.5844, 0.3735, 0.2285



28.9681, 0.4324, 0.3073



13.8538, 0.3189, 0.3135



10.5136, 0.4271, 0.2126



0.7452, 0.4066, 0.2014

Previews

White Background



This preview shows how the Yxy color 59.3999, 0.2857, 0.4363 looks on a white background.

Color Contrast Check

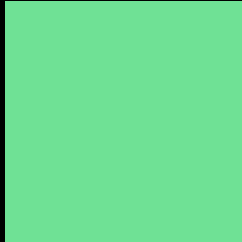
Large Text (above 18pt) WCAG AA × Fail

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 59.3999, 0.2857, 0.4363 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 59.3999, 0.2857, 0.4363

Background



This preview shows how black text looks on a background with the Yxy color 59.3999, 0.2857, 0.4363.



This preview shows how white text looks on a background with the Yxy color 59.3999, 0.2857, 0.4363.

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

59.3999, 0.2857, 0.4363

Protanopia

58.3891, 0.3725, 0.4016

Deuteranopia

58.3731, 0.3785, 0.3704



Tritanopia

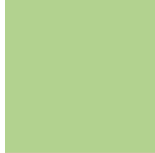
59.3326, 0.2507, 0.3075

Trichromacy



Original Color

59.3999, 0.2857, 0.4363



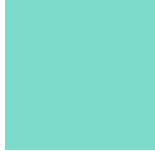
Protanomaly

57.5413, 0.3346, 0.4153



Deuteranomaly

57.0389, 0.3392, 0.3943



Tritanomaly

59.2124, 0.2630, 0.3514

Monochromacy



Original Color

59.3999, 0.2857, 0.4363



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

50.3584, 0.3002, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3999, 0.2857, 0.4363 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(111, 225, 149)` looks like.

```
.text, #text, p{  
    color:rgb(111, 225, 149)  
}
```

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(111, 225, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 225, 149) }
```

Border

The CSS property to change the border of an element to Yxy 59.3999, 0.2857, 0.4363 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(111, 225, 149) }
```

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

```
.border{ border-color:rgb(111, 225, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 225, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 225, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 225, 149); box-shadow:4px 4px 4px 4px rgb(111, 225, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3999, 0.2857, 0.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 225, 149) }
```

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

```
.background{ background-color: rgb(111,  
225, 149) }
```

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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