

Converting Colors

$Yxy(60.1859, 0.2827, 0.5357)$

Have a look what the booklet for
Yxy(60.1859, 0.2827, 0.5357)
contains.

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Color

Yxy(60.2586, 0.2829, 0.5363)

Conversions

Conversions Part 1

Format	Color
Hex	08EB5D
RGB	8, 235, 93
RGB Percent	3%, 92%, 36%
CMY	0.9678, 0.0784, 0.6352
CMYK	0.97, 0.00, 0.60, 0.08
HSL	142°, 93%, 48%
HSV	142°, 97%, 92%
XYZ	31.7866, 60.2586, 20.3147
YIQ	150.9390, -89.7100, -92.2860

Conversions

Conversions Part 2

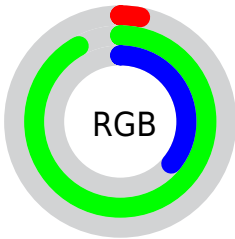
Format	Color
RYB	8, 173, 235
Decimal	584541
CIELab	81.98, -75.26, 54.65
CIELCh	82, 93.007, 144.017
Yxy	60.2586, 0.2829, 0.5363
Android (android.graphics.Color)	4278774621 (0xFF08EB5D)
YUV	150.9390, -28.5639, -125.3575
Hunter-Lab	77.6264, -62.7537, 38.8224

Details

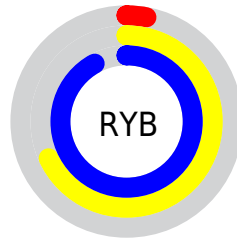
The Yxy color **60.2586, 0.2829, 0.5363** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **20.0490, 0.4400, 0.2212**, and the grayscale version is **31.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0713, 0.2896, 0.4678**, and **31.5779, 0.2939, 0.5780** is the 20% darker color. If you saturate the color by 10%, you get **60.1200, 0.2841, 0.5429**, and if you desaturate by 10%, it is **60.7969, 0.2798, 0.5157**.

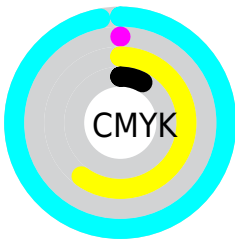
Distribution



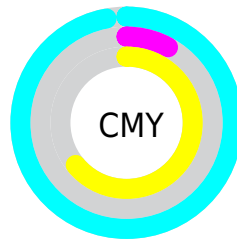
- Red (3%)
- Green (92%)
- Blue (36%)



- Red (3%)
- Yellow (68%)
- Blue (92%)



- Cyan (97%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)





- Cyan (97%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2586, 0.2829, 0.5363 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 60.2586, 0.2829, 0.5363 by changing the saturation by 10% instead.


 60.2586, 0.2829,
0.5363


 60.2586, 0.2829,
0.5363


425.5503, 0.3038,
0.4282

 43.6271, 0.2758,
0.5635


 105.2047, 0.2919,
0.4966

 30.3775, 0.2657,
0.5981


 134.2881, 0.2949,
0.4817

 20.1253, 0.2508,
0.6428


 168.2909, 0.2972,
0.4693

 12.4861, 0.2275,
0.7013

 207.5976, 0.2991,
0.4586

 7.0757, 0.1958,
0.8004

 252.5925, 0.3006,
0.4494

 3.5095, 0.1193,
0.8807

303.6599, 0.3019,

 1.4031, 0.0000,

0.4414

1.0000

361.1844, 0.3029,
0.4344

■ 0.2190, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2586, 0.2829,
0.5363

■ 60.2586, 0.2829,
0.5363

■ 60.1200, 0.2841,
0.5429


■ 60.7969, 0.2798,
0.5157

■ 61.6518, 0.2784,
0.4928


■ 62.8780, 0.2789,
0.4685


■ 64.5174, 0.2812,
0.4439

 66.6058, 0.2850,
0.4198

 69.1753, 0.2899,
0.3970

 72.2548, 0.2956,
0.3758

 75.8709, 0.3019,
0.3565

 80.0482, 0.3084,
0.3392

Harmonies

Analogous

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



60.2586, 0.3874, 0.5403



60.2586, 0.2829, 0.5363



60.2586, 0.1915, 0.4229

Triad

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



60.2586, 0.2829, 0.5363



60.2586, 0.1497, 0.1689



60.2586, 0.5220, 0.3169

Complementary

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



60.2586, 0.2829, 0.5363



20.0490, 0.4400, 0.2212

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.



60.2586, 0.4295, 0.2494



60.2586, 0.2829, 0.5363



60.2586, 0.2075, 0.1688

Square

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



60.2586, 0.2829, 0.5363



60.2586, 0.1276, 0.2034



60.2586, 0.3061, 0.1969



60.2586, 0.5359, 0.3914

Rectangle

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



60.2586, 0.2829, 0.5363



60.2586, 0.1517, 0.3282



60.2586, 0.3061, 0.1969



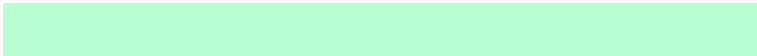
60.2586, 0.4986, 0.2934

Sweetspot

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



60.2611, 0.2829, 0.5363



85.9385, 0.2941, 0.3812



66.0959, 0.3571, 0.5530



18.0532, 0.2916, 0.3902



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.



60.2611, 0.2829, 0.5363



72.3527, 0.2844, 0.5437



63.8668, 0.2366, 0.3703



16.9553, 0.3065, 0.3441



33.4818, 0.2833, 0.5400



2.6472, 0.2755, 0.5120

Inverse Universe

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



20.0490, 0.4400, 0.2212



23.7857, 0.4464, 0.2233



17.9836, 0.6175, 0.3200



15.2127, 0.3195, 0.3144



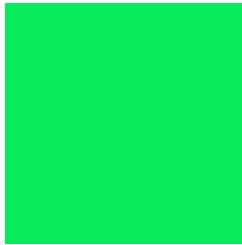
11.0299, 0.4432, 0.2215



0.8847, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 60.2586, 0.2829, 0.5363 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 60.2586, 0.2829, 0.5363 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 60.2586, 0.2829, 0.5363

Background



This preview shows how black text looks on a background with the Yxy color 60.2586, 0.2829, 0.5363.

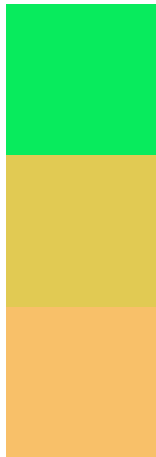


This preview shows how white text looks on a background with the Yxy color 60.2586, 0.2829, 0.5363.

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

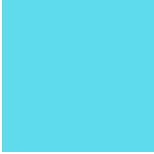
60.2586, 0.2829, 0.5363

Protanopia

58.8731, 0.4155, 0.4552

Deuteranopia

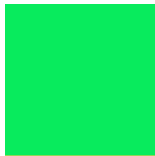
58.6757, 0.4284, 0.4182



Tritanopia

59.7391, 0.2336, 0.3057

Trichromacy



Original Color

60.2586, 0.2829, 0.5363



Protanomaly

54.8922, 0.3416, 0.4984



Deuteranomaly

53.6284, 0.3480, 0.4712



Tritanomaly

58.4100, 0.2493, 0.3860

Monochromacy



Original Color

60.2586, 0.2829, 0.5363



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

37.7203, 0.2857, 0.4161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2586, 0.2829, 0.5363 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(8, 235, 93)` looks like.

```
.text, #text, p{  
    color:rgb(8, 235, 93)  
}
```

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(8, 235, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 235, 93) }
```

Border

The CSS property to change the border of an element to Yxy 60.2586, 0.2829, 0.5363 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(8, 235, 93) }
```

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

```
.border{ border-color:rgb(8, 235, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 235, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 235, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 235, 93);  
box-shadow:4px 4px 4px 4px rgb(8, 235, 93)  
}
```


Background

The CSS property to change the background color of an element to Yxy 60.2586, 0.2829, 0.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 235, 93) }
```

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

```
.background{ background-color: rgb(8, 235,  
93) }
```

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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