

Converting Colors

Yxy(59.8909, 0.2866, 0.5500)

Have a look what the booklet for
Yxy(59.8909, 0.2866, 0.5500)
contains.

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Color

Yxy(60.0559, 0.2868, 0.5506)

Conversions

Conversions Part 1

Format	Color
Hex	07EB51
RGB	7, 235, 81
RGB Percent	3%, 92%, 32%
CMY	0.9725, 0.0784, 0.6822
CMYK	0.97, 0.00, 0.66, 0.08
HSL	139°, 94%, 47%
HSV	139°, 97%, 92%
XYZ	31.2823, 60.0559, 17.7354
YIQ	149.2720, -86.4540, -96.2300

Conversions

Conversions Part 2

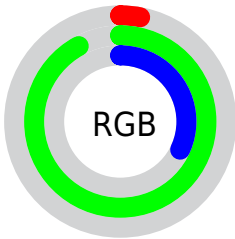
Format	Color
RYB	7, 179, 235
Decimal	518993
CIELab	81.87, -76.63, 59.51
CIElCh	82, 97.027, 142.167
Yxy	60.0559, 0.2868, 0.5506
Android (android.graphics.Color)	4278709073 (0xFF07EB51)
YUV	149.2720, -33.6581, -124.7725
Hunter-Lab	77.4957, -63.5634, 40.6782

Details

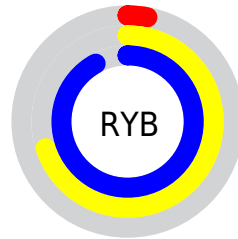
The Yxy color **60.0559, 0.2868, 0.5506** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **20.3867, 0.4218, 0.2109**, and the grayscale version is **30.3509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8083, 0.2948, 0.4817**, and **31.4848, 0.2981, 0.5931** is the 20% darker color. If you saturate the color by 10%, you get **59.9446, 0.2878, 0.5561**, and if you desaturate by 10%, it is **60.5636, 0.2837, 0.5301**.

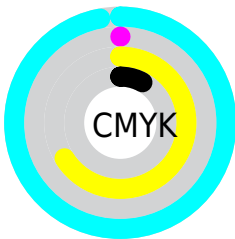
Distribution



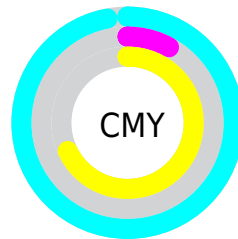
- Red (3%)
- Green (92%)
- Blue (32%)



- Red (3%)
- Yellow (70%)
- Blue (92%)



- Cyan (97%)
- Magenta (0%)
- Yellow (66%)
- Black (8%)





- Cyan (97%)
- Magenta (8%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0559, 0.2868, 0.5506 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 60.0559, 0.2868, 0.5506 by changing the saturation by 10% instead.


 60.0559, 0.2868,
0.5506

 60.0559, 0.2868,
0.5506

424.8038, 0.3070,
0.4352


 43.4637, 0.2795,
0.5793


 104.9108, 0.2959,
0.5084


 30.2491, 0.2688,
0.6155


 133.9422, 0.2988,
0.4926

 20.0277, 0.2528,
0.6617


 167.8888, 0.3010,
0.4792

 12.4152, 0.2278,
0.7208

 207.1351, 0.3028,
0.4678

 7.0271, 0.1910,
0.8090

 252.0653, 0.3042,
0.4580

 3.4791, 0.1101,
0.8899

303.0639, 0.3053,

 1.3867, 0.0000,

0.4494

1.0000

360.5152, 0.3062,
0.4419

■ 0.2069, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0559, 0.2868,
0.5506

■ 60.0559, 0.2868,
0.5506

■ 59.9446, 0.2878,
0.5561

■ 60.5636, 0.2837,
0.5301

■ 61.3902, 0.2822,
0.5065

■ 62.5930, 0.2824,
0.4810

■ 64.2150, 0.2843,
0.4547

■ 66.2931, 0.2876,
0.4287

■ 68.8598, 0.2920,
0.4038

■ 71.9448, 0.2971,
0.3807

■ 75.5754, 0.3027,
0.3597

■ 79.7768, 0.3086,
0.3409

Harmonies

Analogous

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



60.0559, 0.3945, 0.5449



60.0559, 0.2868, 0.5506



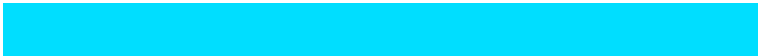
60.0559, 0.1911, 0.4367

Triad

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



60.0559, 0.2868, 0.5506



60.0559, 0.1422, 0.1646



60.0559, 0.5270, 0.3106

Complementary

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



60.0559, 0.2868, 0.5506



20.3867, 0.4218, 0.2109

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.



60.0559, 0.4266, 0.2424



60.0559, 0.2868, 0.5506



60.0559, 0.1987, 0.1629

Square

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



60.0559, 0.2868, 0.5506



60.0559, 0.1217, 0.2020



60.0559, 0.2980, 0.1900



60.0559, 0.5454, 0.3862

Rectangle

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



60.0559, 0.2868, 0.5506



60.0559, 0.1487, 0.3359



60.0559, 0.2980, 0.1900



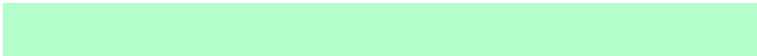
60.0559, 0.5011, 0.2869

Sweetspot

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



60.0584, 0.2868, 0.5506



85.7607, 0.2960, 0.3854



67.1996, 0.3649, 0.5471



18.0115, 0.2937, 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.



60.0584, 0.2868, 0.5506



72.1416, 0.2880, 0.5568



63.3230, 0.2413, 0.3873



16.9428, 0.3071, 0.3453



33.3817, 0.2870, 0.5532



2.6383, 0.2792, 0.5253

Inverse Universe

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



20.3867, 0.4218, 0.2109



24.2460, 0.4265, 0.2123



18.0349, 0.6073, 0.3139



15.2257, 0.3188, 0.3132



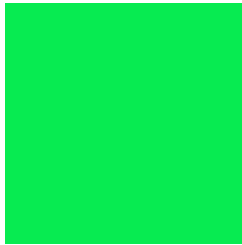
11.2413, 0.4238, 0.2109



0.9002, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 60.0559, 0.2868, 0.5506 looks on a white background.

Color Contrast Check

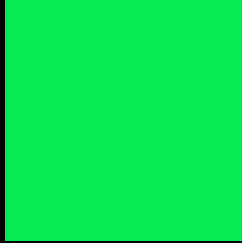
Large Text (above 18pt) WCAG AA × Fail

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 60.0559, 0.2868, 0.5506 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 60.0559, 0.2868, 0.5506

Background



This preview shows how black text looks on a background with the Yxy color 60.0559, 0.2868, 0.5506.



This preview shows how white text looks on a background with the Yxy color 60.0559, 0.2868, 0.5506.

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

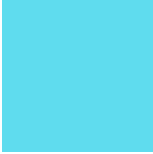
60.0559, 0.2868, 0.5506

Protanopia

58.7165, 0.4210, 0.4634

Deuteranopia

58.6652, 0.4358, 0.4262



Tritanopia

59.7923, 0.2339, 0.3058

Trichromacy



Original Color

60.0559, 0.2868, 0.5506



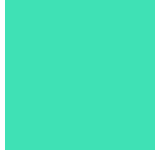
Protanomaly

54.7121, 0.3469, 0.5107



Deuteranomaly

53.4270, 0.3540, 0.4837



Tritanomaly

58.2434, 0.2512, 0.3921

Monochromacy



Original Color

60.0559, 0.2868, 0.5506



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

36.6391, 0.2882, 0.4243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0559, 0.2868, 0.5506 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(7, 235, 81)` looks like.

```
.text, #text, p{  
    color:rgb(7, 235, 81)  
}
```

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(7, 235, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 235, 81) }
```

Border

The CSS property to change the border of an element to Yxy 60.0559, 0.2868, 0.5506 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(7, 235, 81) }
```

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

```
.border{ border-color:rgb(7, 235, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 235, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 235, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 235, 81);  
box-shadow:4px 4px 4px 4px rgb(7, 235, 81)  
}
```


Background

The CSS property to change the background color of an element to Yxy 60.0559, 0.2868, 0.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 235, 81) }
```

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

```
.background{ background-color: rgb(7, 235,  
81) }
```

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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