

Converting Colors

Yxy(38.9134, 0.2958, 0.4576)

Have a look what the booklet for
Yxy(38.9134, 0.2958, 0.4576)
contains.

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Color

Yxy(39.0461, 0.2958, 0.4582)

Conversions

Conversions Part 1

Format	Color
Hex	5EBB6E
RGB	94, 187, 110
RGB Percent	37%, 73%, 43%
CMY	0.6311, 0.2667, 0.5686
CMYK	0.50, 0.00, 0.41, 0.27
HSL	130°, 41%, 55%
HSV	130°, 50%, 73%
XYZ	25.2070, 39.0461, 20.9632
YIQ	150.4150, -30.7110, -43.6630

Conversions

Conversions Part 2

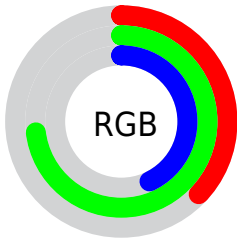
Format	Color
RYB	94, 173, 187
Decimal	6208366
CIELab	68.78, -44.21, 30.69
CIElCh	69, 53.821, 145.228
Yxy	39.0461, 0.2958, 0.4582
Android (android.graphics.Color)	4284398446 (0xFF5EBB6E)
YUV	150.4150, -19.9246, -49.4760
Hunter-Lab	62.4869, -37.3458, 23.8501

Details

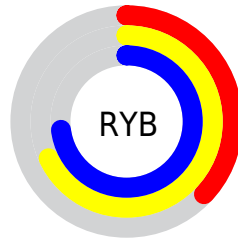
The Yxy color **39.0461, 0.2958, 0.4582** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **21.5251, 0.3374, 0.2280**, and the grayscale version is **30.7897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7940, 0.3010, 0.4316**, and **17.4521, 0.2858, 0.5043** is the 20% darker color. If you saturate the color by 10%, you get **37.8666, 0.2937, 0.4890**, and if you desaturate by 10%, it is **40.5274, 0.2986, 0.4279**.

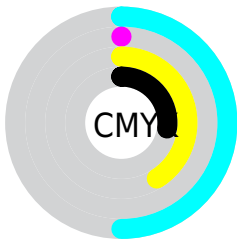
Distribution



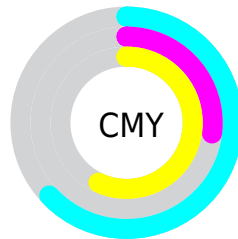
- Red (37%)
- Green (73%)
- Blue (43%)



- Red (37%)
- Yellow (68%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)





- Cyan (63%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0461, 0.2958, 0.4582 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 39.0461, 0.2958, 0.4582 by changing the saturation by 10% instead.


 39.0461, 0.2958,
0.4582


 39.0461, 0.2958,
0.4582


342.0864, 0.3071,
0.3874


 26.7956, 0.2918,
0.4780


 73.7087, 0.3007,
0.4309

 17.4198, 0.2859,
0.5045


 96.8897, 0.3023,
0.4211

 10.5342, 0.2766,
0.5419


 124.4828, 0.3035,
0.4131

 5.7546, 0.2602,
0.5975

 156.8727, 0.3045,
0.4063

 2.6964, 0.2420,
0.7261

194.4436, 0.3053,
0.4005

 0.9754, 0.0000,
1.0000

237.5799, 0.3060,

 0.0000, 0.0000,

0.3955

0.0000

286.6660, 0.3066,
0.3912

■ 39.0461, 0.2958,
0.4582

■ 39.0461, 0.2958,
0.4582

■ 37.8666, 0.2937,
0.4890

■ 40.5274, 0.2986,
0.4279

■ 36.9633, 0.2926,
0.5188

■ 42.3242, 0.3019,
0.3992

■ 36.3146, 0.2927,
0.5456

■ 44.4553, 0.3055,
0.3729

■ 35.8930, 0.2939,
0.5677


■ 46.9367, 0.3092,
0.3493


■ 35.6491, 0.2957,
0.5841


■ 49.7832, 0.3128,
0.3284

 35.6427, 0.2957,
0.5845

 53.0087, 0.3163,
0.3101

 56.6266, 0.3196,
0.2942

 60.6496, 0.3228,
0.2804

 63.6650, 0.3199,
0.2674

Harmonies

Analogous

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



39.0461, 0.3716, 0.4749



39.0461, 0.2958, 0.4582



39.0461, 0.2286, 0.3873

Triad

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



39.0461, 0.2958, 0.4582



39.0461, 0.1950, 0.2129



39.0461, 0.4557, 0.3294

Complementary

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



39.0461, 0.2958, 0.4582



21.5251, 0.3374, 0.2280

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.



39.0461, 0.3954, 0.2758



39.0461, 0.2958, 0.4582



39.0461, 0.2417, 0.2119

Square

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



39.0461, 0.2958, 0.4582



39.0461, 0.1766, 0.2418



39.0461, 0.3137, 0.2343



39.0461, 0.4692, 0.3876

Rectangle

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



39.0461, 0.2958, 0.4582



39.0461, 0.1976, 0.3293



39.0461, 0.3137, 0.2343



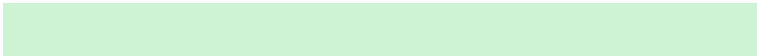
39.0461, 0.4400, 0.3107

Sweetspot

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



39.0477, 0.2958, 0.4582



81.5233, 0.3072, 0.3621



45.0625, 0.3702, 0.4546



17.7503, 0.3064, 0.3672



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0477, 0.2958, 0.4582



67.5901, 0.2935, 0.4929



40.3226, 0.2667, 0.3787



10.6756, 0.3093, 0.3486



24.5675, 0.2953, 0.5830



0.9707, 0.2839, 0.5422

Inverse Universe

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



21.5251, 0.3374, 0.2280



32.4787, 0.3447, 0.2091



20.0646, 0.4025, 0.2863



9.6674, 0.3163, 0.3102



8.9174, 0.3690, 0.1807



0.3568, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 39.0461, 0.2958, 0.4582 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 39.0461, 0.2958, 0.4582 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 39.0461, 0.2958, 0.4582

Background



This preview shows how black text looks on a background with the Yxy color 39.0461, 0.2958, 0.4582.



This preview shows how white text looks on a background with the Yxy color 39.0461, 0.2958, 0.4582.

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

39.0461, 0.2958, 0.4582

Protanopia

38.5418, 0.3852, 0.4181

Deuteranopia

38.5447, 0.3939, 0.3866



Tritanopia

38.7608, 0.2534, 0.3065

Trichromacy



Original Color

39.0461, 0.2958, 0.4582



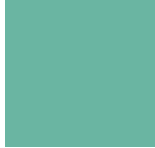
Protanomaly

37.7761, 0.3475, 0.4337



Deuteranomaly

37.5414, 0.3524, 0.4120



Tritanomaly

38.7206, 0.2688, 0.3591

Monochromacy



Original Color

39.0461, 0.2958, 0.4582



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

32.6895, 0.3060, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0461, 0.2958, 0.4582 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(94, 187, 110)` looks like.

```
.text, #text, p{  
    color:rgb(94, 187, 110)  
}
```

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(94, 187, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 187, 110) }
```

Border

The CSS property to change the border of an element to Yxy 39.0461, 0.2958, 0.4582 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(94, 187, 110) }
```

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

```
.border{ border-color:rgb(94, 187, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 187, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 187, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 187, 110);  
box-shadow:4px 4px 4px 4px rgb(94, 187,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0461, 0.2958, 0.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 187, 110) }
```

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

```
.background{ background-color: rgb(94, 187,  
110) }
```

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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