

Converting Colors

$Yxy(39.3805, 0.2891, 0.4896)$

Have a look what the booklet for
Yxy(39.3805, 0.2891, 0.4896)
contains.

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Color

Yxy(39.3899, 0.2894, 0.4904)

Conversions

Conversions Part 1

Format	Color
Hex	45BF61
RGB	69, 191, 97
RGB Percent	27%, 75%, 38%
CMY	0.7292, 0.2510, 0.6196
CMYK	0.64, 0.00, 0.49, 0.25
HSL	134°, 49%, 51%
HSV	134°, 64%, 75%
XYZ	23.2452, 39.3899, 17.6869
YIQ	143.8060, -42.5380, -55.0980

Conversions

Conversions Part 2

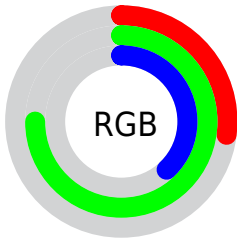
Format	Color
RYB	69, 168, 191
Decimal	4570977
CIELab	69.03, -53.84, 37.48
CIELCh	69, 65.602, 145.155
Yxy	39.3899, 0.2894, 0.4904
Android (android.graphics.Color)	4282761057 (0xFF45BF61)
YUV	143.8060, -23.0754, -65.6049
Hunter-Lab	62.7614, -43.7206, 27.2243

Details

The Yxy color **39.3899, 0.2894, 0.4904** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **17.9846, 0.3566, 0.2122**, and the grayscale version is **27.9210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0506, 0.2967, 0.4559**, and **17.8136, 0.2843, 0.5436** is the 20% darker color. If you saturate the color by 10%, you get **38.5517, 0.2888, 0.5183**, and if you desaturate by 10%, it is **40.5071, 0.2913, 0.4613**.

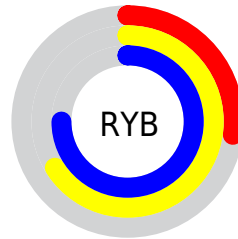
Distribution



Red (27%)

Green (75%)

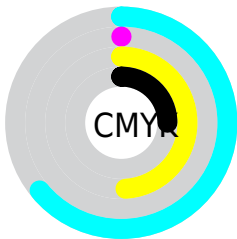
Blue (38%)



Red (27%)

Yellow (66%)

Blue (75%)

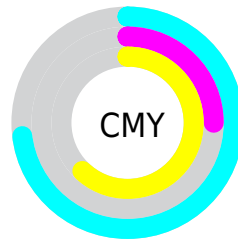


Cyan (64%)

Magenta (0%)

Yellow (49%)

Black (25%)



Cyan (73%)


Magenta (25%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3899, 0.2894, 0.4904 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 39.3899, 0.2894, 0.4904 by changing the saturation by 10% instead.

 39.3899, 0.2894,
0.4904


 39.3899, 0.2894,
0.4904


343.5453, 0.3054,
0.4012


 27.0632, 0.2836,
0.5153


 74.2336, 0.2964,
0.4560

 17.6207, 0.2750,
0.5487


 97.5193, 0.2987,
0.4436

 10.6780, 0.2613,
0.5952


 125.2269, 0.3004,
0.4335

 5.8508, 0.2377,
0.6627

 157.7406, 0.3018,
0.4249

 2.7545, 0.1999,
0.8001

 195.4449, 0.3030,
0.4176

 1.0050, 0.0000,
1.0000

238.7242, 0.3039,

 0.0000, 0.0000,

0.4114

0.0000

287.9629, 0.3047,
0.4060

■ 39.3899, 0.2894,
0.4904

■ 39.3899, 0.2894,
0.4904

■ 38.5517, 0.2888,
0.5183

■ 40.5071, 0.2913,
0.4613

■ 37.9624, 0.2895,
0.5435

■ 41.9206, 0.2943,
0.4325

■ 37.5933, 0.2916,
0.5645

■ 43.6517, 0.2980,
0.4051

■ 37.4416, 0.2931,
0.5751

■ 45.7186, 0.3021,
0.3797

■ 48.1379, 0.3065,
0.3567

■ 50.9253, 0.3110,
0.3362

■ 54.0954, 0.3154,
0.3182

■ 57.6619, 0.3196,
0.3024

■ 61.6382, 0.3237,
0.2887

Harmonies

Analogous

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



39.3899, 0.3788, 0.5053



39.3899, 0.2894, 0.4904



39.3899, 0.2111, 0.4004

Triad

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



39.3899, 0.2894, 0.4904



39.3899, 0.1746, 0.1923



39.3899, 0.4858, 0.3258

Complementary

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



39.3899, 0.2894, 0.4904



17.9846, 0.3566, 0.2122

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.



39.3899, 0.4123, 0.2651



39.3899, 0.2894, 0.4904



39.3899, 0.2276, 0.1921

Square

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



39.3899, 0.2894, 0.4904



39.3899, 0.1538, 0.2237



39.3899, 0.3124, 0.2179



39.3899, 0.4994, 0.3923

Rectangle

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



39.3899, 0.2894, 0.4904



39.3899, 0.1761, 0.3273



39.3899, 0.3124, 0.2179



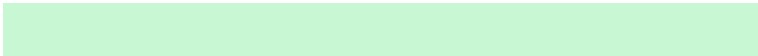
39.3899, 0.4670, 0.3046

Sweetspot

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



39.3915, 0.2894, 0.4904



83.7734, 0.3041, 0.3689



45.6457, 0.3763, 0.4888



18.1281, 0.3028, 0.3757



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.3915, 0.2894, 0.4904



68.5332, 0.2889, 0.5298



40.9439, 0.2554, 0.3856



10.6845, 0.3086, 0.3472



24.6167, 0.2925, 0.5730



0.9746, 0.2793, 0.5254

Inverse Universe

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



17.9846, 0.3566, 0.2122



27.0982, 0.3698, 0.1972



16.3299, 0.4563, 0.2855



9.6578, 0.3172, 0.3115



8.6809, 0.3880, 0.1911



0.3494, 0.3689, 0.1806

Previews

White Background



This preview shows how the Yxy color 39.3899, 0.2894, 0.4904 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 39.3899, 0.2894, 0.4904 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 39.3899, 0.2894, 0.4904

Background



This preview shows how black text looks on a background with the Yxy color 39.3899, 0.2894, 0.4904.



This preview shows how white text looks on a background with the Yxy color 39.3899, 0.2894, 0.4904.

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

39.3899, 0.2894, 0.4904

Protanopia

38.5490, 0.3978, 0.4333

Deuteranopia

38.7181, 0.4072, 0.3993



Tritanopia

39.1240, 0.2434, 0.3062

Trichromacy



Original Color

39.3899, 0.2894, 0.4904



Protanomaly

37.5742, 0.3487, 0.4579



Deuteranomaly

36.9552, 0.3549, 0.4330



Tritanomaly

38.8104, 0.2603, 0.3697

Monochromacy



Original Color

39.3899, 0.2894, 0.4904



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

30.8040, 0.3009, 0.3876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3899, 0.2894, 0.4904 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(69, 191, 97)` looks like.

```
.text, #text, p{  
    color:rgb(69, 191, 97)  
}
```

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(69, 191, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 191, 97) }
```

Border

The CSS property to change the border of an element to Yxy 39.3899, 0.2894, 0.4904 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(69, 191, 97) }
```

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

```
.border{ border-color:rgb(69, 191, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 191, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 191, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 191, 97);  
box-shadow:4px 4px 4px 4px rgb(69, 191,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3899, 0.2894, 0.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 191, 97) }
```

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

```
.background{ background-color: rgb(69, 191,  
97) }
```

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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