

Converting Colors

$Yxy(39.4455, 0.3074, 0.4216)$

Have a look what the booklet for
Yxy(39.4455, 0.3074, 0.4216)
contains.

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Color

Yxy(39.5586, 0.3068, 0.4214)

Conversions

Conversions Part 1

Format	Color
Hex	7BB77D
RGB	123, 183, 125
RGB Percent	48%, 72%, 49%
CMY	0.5177, 0.2823, 0.5099
CMYK	0.33, 0.00, 0.32, 0.28
HSL	122°, 29%, 60%
HSV	122°, 33%, 72%
XYZ	28.8006, 39.5586, 25.5150
YIQ	158.4480, -17.1420, -30.7580

Conversions

Conversions Part 2

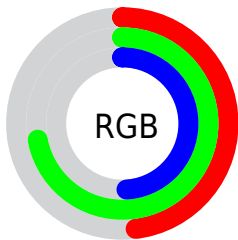
Format	Color
RYB	123, 181, 183
Decimal	8107901
CIELab	69.15, -31.21, 23.51
CIElCh	69, 39.076, 143.005
Yxy	39.5586, 0.3068, 0.4214
Android (android.graphics.Color)	4286297981 (0xFF7BB77D)
YUV	158.4480, -16.4899, -31.0879
Hunter-Lab	62.8956, -28.3302, 19.9746

Details

The Yxy color **39.5586, 0.3068, 0.4214** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.5655, 0.3186, 0.2513**, and the grayscale version is **34.4868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2945, 0.3087, 0.4021**, and **17.8129, 0.3028, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **37.9221, 0.3049, 0.4553**, and if you desaturate by 10%, it is **41.5312, 0.3087, 0.3897**.

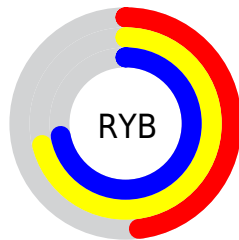
Distribution



Red (48%)

Green (72%)

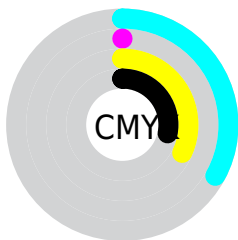
Blue (49%)



Red (48%)

Yellow (71%)

Blue (72%)

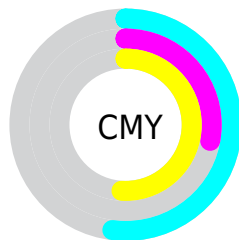


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (52%)


Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5586, 0.3068, 0.4214 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 39.5586, 0.3068, 0.4214 by changing the saturation by 10% instead.


 39.5586, 0.3068,
0.4214


 39.5586, 0.3068,
0.4214

344.2596, 0.3112,
0.3716


 27.1946, 0.3051,
0.4351


 74.4909, 0.3088,
0.4024

 17.7194, 0.3026,
0.4534


 97.8279, 0.3094,
0.3955

 10.7487, 0.2985,
0.4790


 125.5914, 0.3099,
0.3898

 5.8981, 0.2911,
0.5174

158.1658, 0.3102,
0.3850

 2.7832, 0.2775,
0.5832

195.9354, 0.3105,
0.3809

 1.0196, 0.1649,
0.8351


239.2846, 0.3108,


 0.0000, 0.0000,


0.3774


0.0000

288.5979, 0.3110,
0.3743


 39.5586, 0.3068,
0.4214


 39.5586, 0.3068,
0.4214


 37.9221, 0.3049,
0.4553


 41.5312, 0.3087,
0.3897


 36.5984, 0.3031,
0.4900


 43.8518, 0.3106,
0.3610


 35.5690, 0.3015,
0.5234


 46.5380, 0.3123,
0.3355

 34.8114, 0.3003,
0.5529


 49.6046, 0.3138,
0.3133

 34.2999, 0.2997,
0.5761

 53.0656, 0.3152,
0.2941

 34.0039, 0.2995,
0.5915

 56.9342, 0.3165,
0.2776

 33.8838, 0.2994,
0.5979

 61.2232, 0.3176,
0.2634

 62.3504, 0.3160,
0.2585

Harmonies

Analogous

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



39.5586, 0.3629, 0.4338



39.5586, 0.3068, 0.4214



39.5586, 0.2550, 0.3751

Triad

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



39.5586, 0.3068, 0.4214



39.5586, 0.2222, 0.2431



39.5586, 0.4137, 0.3288

Complementary

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



39.5586, 0.3068, 0.4214



27.5655, 0.3186, 0.2513

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.



39.5586, 0.3689, 0.2871



39.5586, 0.3068, 0.4214



39.5586, 0.2573, 0.2395

Square

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



39.5586, 0.3068, 0.4214



39.5586, 0.2094, 0.2688



39.5586, 0.3102, 0.2555



39.5586, 0.4278, 0.3736

Rectangle

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



39.5586, 0.3068, 0.4214



39.5586, 0.2296, 0.3355



39.5586, 0.3102, 0.2555



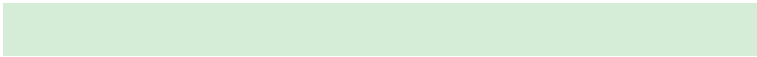
39.5586, 0.4015, 0.3142

Sweetspot

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



39.5603, 0.3068, 0.4214



79.7333, 0.3110, 0.3540



45.1246, 0.3595, 0.4100



17.4681, 0.3108, 0.3577



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.5603, 0.3068, 0.4214



68.7747, 0.3055, 0.4444



40.4463, 0.2855, 0.3723



10.0649, 0.3112, 0.3518



23.6376, 0.2993, 0.5974



0.8349, 0.2964, 0.5870

Inverse Universe

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



27.5655, 0.3186, 0.2513



44.1216, 0.3199, 0.2356



26.4634, 0.3525, 0.2897



9.1574, 0.3143, 0.3072



9.2363, 0.3293, 0.1588



0.3272, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 39.5586, 0.3068, 0.4214 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 39.5586, 0.3068, 0.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

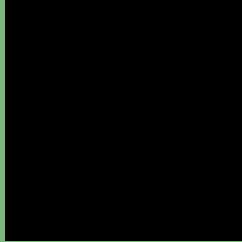
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5586, 0.3068, 0.4214

Background



This preview shows how black text looks on a background with the Yxy color 39.5586, 0.3068, 0.4214.



This preview shows how white text looks on a background with the Yxy color 39.5586, 0.3068, 0.4214.

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

39.5586, 0.3068, 0.4214

Protanopia

39.1370, 0.3698, 0.3984

Deuteranopia

38.9718, 0.3779, 0.3700



Tritanopia

39.4850, 0.2697, 0.3086

Trichromacy



Original Color

39.5586, 0.3068, 0.4214

Protanomaly

38.7412, 0.3445, 0.4058

Deuteranomaly

38.4805, 0.3495, 0.3880

Tritanomaly

39.4193, 0.2832, 0.3471

Monochromacy



Original Color

39.5586, 0.3068, 0.4214

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.7325, 0.3103, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5586, 0.3068, 0.4214 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(123, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(123, 183, 125)  
}
```

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(123, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 183, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.5586, 0.3068, 0.4214 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(123, 183, 125) }
```

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

```
.border{ border-color:rgb(123, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(123, 183,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5586, 0.3068, 0.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 183, 125) }
```

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

```
.background{ background-color: rgb(123,  
183, 125) }
```

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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