

Converting Colors

Yxy(57.4583, 0.3811, 0.4564)

Have a look what the booklet for
Yxy(57.4583, 0.3811, 0.4564)
contains.

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Color

Yxy(57.6686, 0.3813, 0.4570)

Conversions

Conversions Part 1

Format	Color
Hex	C7CF63
RGB	199, 207, 99
RGB Percent	78%, 81%, 39%
CMY	0.2197, 0.1882, 0.6117
CMYK	0.04, 0.00, 0.52, 0.19
HSL	64°, 53%, 60%
HSV	64°, 52%, 81%
XYZ	48.1161, 57.6686, 20.4048
YIQ	192.2960, 29.9000, -35.2840

Conversions

Conversions Part 2

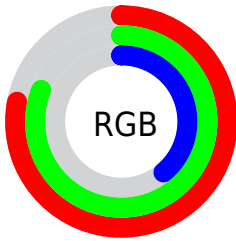
Format	Color
R_{YB}	99, 207, 107
Decimal	13094755
CIE _{Lab}	80.55, -17.69, 52.02
CIE _{LCh}	81, 54.947, 108.780
Yxy	57.6686, 0.3813, 0.4570
Android (android.graphics.Color)	4291284835 (0xFFC7CF63)
YUV	192.2960, -45.9949, 5.8794
Hunter-Lab	75.9398, -19.7958, 37.2268

Details

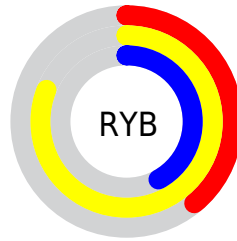
The Yxy color **57.6686, 0.3813, 0.4570** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.5624, 0.2192, 0.1665**, and the grayscale version is **53.1567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **28.8194, 0.3937, 0.4888** is the 20% darker color. If you saturate the color by 10%, you get **57.1153, 0.3911, 0.4768**, and if you desaturate by 10%, it is **58.3308, 0.3697, 0.4343**.

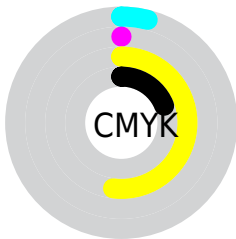
Distribution



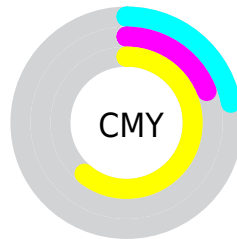
- Red (78%)
- Green (81%)
- Blue (39%)



- Red (39%)
- Yellow (81%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (52%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6686, 0.3813, 0.4570 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 57.6686, 0.3813, 0.4570 by changing the saturation by 10% instead.


 57.6686, 0.3813,
0.4570


 57.6686, 0.3813,
0.4570


415.9499, 0.3514,
0.3952


 41.5423, 0.3871,
0.4711


 101.4401, 0.3716,
0.4354

 28.7431, 0.3934,
0.4883


 129.8541, 0.3676,
0.4270

 18.8865, 0.4000,
0.5094


 163.1327, 0.3641,
0.4198

 11.5883, 0.4057,
0.5351

 201.6605, 0.3610,
0.4135

 6.4640, 0.4171,
0.5788

245.8216, 0.3582,
0.4081

 3.1292, 0.3994,
0.6006

296.0007, 0.3557,

 1.1996, 0.3614,

0.4033

0.6386

352.5820, 0.3534,
0.3990

0.0614, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6686, 0.3813,
0.4570

57.6686, 0.3813,
0.4570

57.1153, 0.3911,
0.4768

58.3308, 0.3697,
0.4343

56.6550, 0.3986,
0.4929

59.1010, 0.3568,
0.4098


56.2814, 0.4035,
0.5047


59.9884, 0.3431,
0.3844


55.9834, 0.4058,
0.5122

60.9988, 0.3293,
0.3589


 55.7877, 0.4063,
0.5156

 62.1379, 0.3156,
0.3342

 63.4109, 0.3025,
0.3107

 64.8225, 0.2901,
0.2886

 65.7416, 0.2843,
0.2776

 65.9703, 0.2853,
0.2778

Harmonies

Analogous

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



57.6686, 0.4342, 0.4233



57.6686, 0.3813, 0.4570



57.6686, 0.3134, 0.4512

Triad

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



57.6686, 0.3813, 0.4570



57.6686, 0.1883, 0.2603



57.6686, 0.3720, 0.2716

Complementary

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



57.6686, 0.3813, 0.4570



16.5624, 0.2192, 0.1665

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.



57.6686, 0.2987, 0.2365



57.6686, 0.3813, 0.4570



57.6686, 0.1996, 0.2270

Square

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



57.6686, 0.3813, 0.4570



57.6686, 0.2047, 0.3215



57.6686, 0.2373, 0.2203



57.6686, 0.4323, 0.3194

Rectangle

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



57.6686, 0.3813, 0.4570



57.6686, 0.2688, 0.4194



57.6686, 0.2373, 0.2203



57.6686, 0.3475, 0.2581

Sweetspot

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



57.6712, 0.3813, 0.4570



97.0748, 0.3348, 0.3691



24.5221, 0.4576, 0.3383



20.7059, 0.3377, 0.3744



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.



57.6712, 0.3813, 0.4570



91.4004, 0.3924, 0.4797



51.6254, 0.3373, 0.4786



13.7511, 0.3255, 0.3520



35.1636, 0.4065, 0.5155



1.9798, 0.4090, 0.5135

Inverse Universe

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



16.5624, 0.2192, 0.1665



18.3696, 0.1961, 0.1284



20.9295, 0.2686, 0.1857



11.4590, 0.2993, 0.3050



2.9202, 0.1526, 0.0614



0.1783, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 57.6686, 0.3813, 0.4570 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 57.6686, 0.3813, 0.4570 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 57.6686, 0.3813, 0.4570

Background



This preview shows how black text looks on a background with the Yxy color 57.6686, 0.3813, 0.4570.



This preview shows how white text looks on a background with the Yxy color 57.6686, 0.3813, 0.4570.

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

57.6686, 0.3813, 0.4570

Protanopia

57.5438, 0.4054, 0.4433

Deuteranopia

57.2187, 0.4286, 0.4191



Tritanopia

57.5322, 0.3143, 0.3117

Trichromacy



Original Color

57.6686, 0.3813, 0.4570

Protanomaly

57.7398, 0.3961, 0.4485

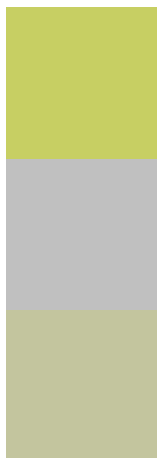
Deuteranomaly

56.9331, 0.4108, 0.4321

Tritanomaly

57.0145, 0.3410, 0.3640

Monochromacy



Original Color

57.6686, 0.3813, 0.4570

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.0032, 0.3405, 0.3780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6686, 0.3813, 0.4570 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(199, 207, 99)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 99)  
}
```

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(199, 207, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 99) }
```

Border

The CSS property to change the border of an element to Yxy 57.6686, 0.3813, 0.4570 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(199, 207, 99) }
```

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

```
.border{ border-color:rgb(199, 207, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 99);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6686, 0.3813, 0.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 99) }
```

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

```
.background{ background-color: rgb(199,  
207, 99) }
```

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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