

Converting Colors

Yxy(57.6191, 0.4001, 0.4813)

Have a look what the booklet for
Yxy(57.6191, 0.4001, 0.4813)
contains.

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Color

Yxy(57.7518, 0.4001, 0.4812)

Conversions

Conversions Part 1

Format	Color
Hex	CBCF45
RGB	203, 207, 69
RGB Percent	80%, 81%, 27%
CMY	0.2039, 0.1882, 0.7294
CMYK	0.02, 0.00, 0.67, 0.19
HSL	62°, 59%, 54%
HSV	62°, 67%, 81%
XYZ	48.0185, 57.7518, 14.2459
YIQ	190.0720, 41.9140, -43.7660

Conversions

Conversions Part 2

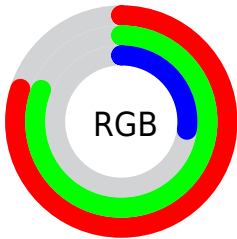
Format	Color
RYB	69, 207, 73
Decimal	13356869
CIELab	80.60, -18.16, 65.02
CIELCh	81, 67.508, 105.604
Yxy	57.7518, 0.4001, 0.4812
Android (android.graphics.Color)	4291546949 (0xFFCBCF45)
YUV	190.0720, -59.6885, 11.3379
Hunter-Lab	75.9946, -20.2023, 42.0817

Details

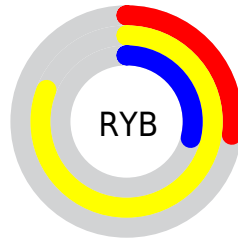
The Yxy color **57.7518, 0.4001, 0.4812** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.1773, 0.1866, 0.1177**, and the grayscale version is **51.8712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2352, 0.3879, 0.4533**, and **28.8935, 0.4115, 0.5115** is the 20% darker color. If you saturate the color by 10%, you get **57.4569, 0.4072, 0.4944**, and if you desaturate by 10%, it is **58.1420, 0.3905, 0.4639**.

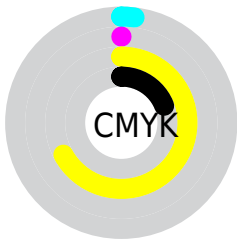
Distribution



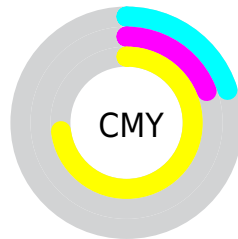
- Red (80%)
- Green (81%)
- Blue (27%)



- Red (27%)
- Yellow (81%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (67%)
- Black (19%)





- Cyan (20%)
- Magenta (19%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7518, 0.4001, 0.4812 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 57.7518, 0.4001, 0.4812 by changing the saturation by 10% instead.

 57.7518, 0.4001,
0.4812


 57.7518, 0.4001,
0.4812


416.2605, 0.3636,
0.4097

 41.6091, 0.4063,
0.4965


 101.5613, 0.3889,
0.4570


 28.7954, 0.4125,
0.5142


 129.9970, 0.3841,
0.4473

 18.9261, 0.4178,
0.5347


 163.2991, 0.3798,
0.4389

 11.6169, 0.4225,
0.5607

 201.8521, 0.3759,
0.4316

 6.4834, 0.4170,
0.5830

 246.0403, 0.3723,
0.4251

 3.1412, 0.3971,
0.6029

296.2482, 0.3691,

 1.2059, 0.3579,

0.4194

0.6421

352.8601, 0.3663,
0.4143

0.0665, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7518, 0.4001,
0.4812

57.7518, 0.4001,
0.4812

57.4569, 0.4072,
0.4944

58.1420, 0.3905,
0.4639

57.2394, 0.4118,
0.5033

58.6279, 0.3788,
0.4432

57.0894, 0.4138,
0.5081

59.2196, 0.3656,
0.4200

57.0467, 0.4143,
0.5093

59.9238, 0.3514,
0.3954

■ 60.7466, 0.3368,
0.3702

■ 61.6938, 0.3222,
0.3452

■ 62.7706, 0.3081,
0.3211

■ 63.9822, 0.2947,
0.2983

■ 65.3138, 0.2823,
0.2773

Harmonies

Analogous

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



57.7518, 0.4624, 0.4321



57.7518, 0.4001, 0.4812



57.7518, 0.3193, 0.4861

Triad

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



57.7518, 0.4001, 0.4812



57.7518, 0.1657, 0.2501



57.7518, 0.3751, 0.2548

Complementary

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



57.7518, 0.4001, 0.4812



10.1773, 0.1866, 0.1177

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.



57.7518, 0.2856, 0.2163



57.7518, 0.4001, 0.4812



57.7518, 0.1757, 0.2092

Square

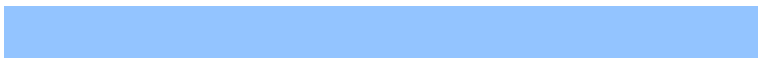
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.7518, 0.4001, 0.4812



57.7518, 0.1869, 0.3272



57.7518, 0.2158, 0.1997



57.7518, 0.4535, 0.3087

Rectangle

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



57.7518, 0.4001, 0.4812



57.7518, 0.2655, 0.4511



57.7518, 0.2158, 0.1997



57.7518, 0.3446, 0.2399

Sweetspot

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



57.7545, 0.4001, 0.4812



96.8612, 0.3420, 0.3792



18.2401, 0.5293, 0.3320



20.6520, 0.3462, 0.3864



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.



57.7545, 0.4001, 0.4812



91.9183, 0.4095, 0.4988



50.2652, 0.3441, 0.5165



13.7795, 0.3262, 0.3520



35.9490, 0.4143, 0.5092



2.0156, 0.4153, 0.5084

Inverse Universe

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



10.1773, 0.1866, 0.1177



10.4544, 0.1648, 0.0824



14.3630, 0.2447, 0.1449



11.4337, 0.2986, 0.3050



2.8697, 0.1510, 0.0605



0.1663, 0.1543, 0.0623

Previews

White Background



This preview shows how the Yxy color 57.7518, 0.4001, 0.4812 looks on a white background.

Color Contrast Check

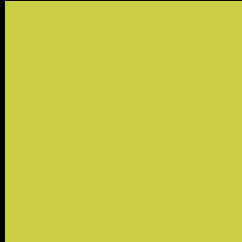
Large Text (above 18pt) WCAG AA × Fail

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 57.7518, 0.4001, 0.4812 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 57.7518, 0.4001, 0.4812

Background



This preview shows how black text looks on a background with the Yxy color 57.7518, 0.4001, 0.4812.



This preview shows how white text looks on a background with the Yxy color 57.7518, 0.4001, 0.4812.

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

57.7518, 0.4001, 0.4812

Protanopia

57.5611, 0.4239, 0.4656

Deuteranopia

57.4746, 0.4489, 0.4391



Tritanopia

57.7860, 0.3191, 0.3119

Trichromacy



Original Color

57.7518, 0.4001, 0.4812

Protanomaly

57.7282, 0.4144, 0.4717

Deuteranomaly

57.1167, 0.4310, 0.4540

Tritanomaly

57.1644, 0.3536, 0.3781

Monochromacy



Original Color

57.7518, 0.4001, 0.4812

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1573, 0.3499, 0.3922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7518, 0.4001, 0.4812 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(203, 207, 69)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 69)  
}
```

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(203, 207, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 69) }
```

Border

The CSS property to change the border of an element to Yxy 57.7518, 0.4001, 0.4812 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(203, 207, 69) }
```

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

```
.border{ border-color:rgb(203, 207, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 69);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7518, 0.4001, 0.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 69) }
```

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

```
.background{ background-color: rgb(203,  
207, 69) }
```

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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