

Converting Colors

$Y_{xy}(57.5531, 0.4052, 0.4819)$

Have a look what the booklet for
Yxy(57.5531, 0.4052, 0.4819)
contains.

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Color

Yxy(57.6461, 0.4050, 0.4816)

Conversions

Conversions Part 1

Format	Color
Hex	CECE41
RGB	206, 206, 65
RGB Percent	81%, 81%, 25%
CMY	0.1922, 0.1921, 0.7451
CMYK	0.00, 0.00, 0.68, 0.19
HSL	60°, 59%, 53%
HSV	60°, 68%, 81%
XYZ	48.4773, 57.6461, 13.5736
YIQ	189.9260, 45.2610, -43.8510

Conversions

Conversions Part 2

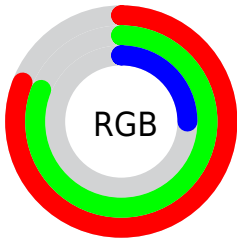
Format	Color
RYB	65, 206, 65
Decimal	13553217
CIELab	80.54, -16.64, 66.54
CIELCh	81, 68.590, 104.040
Yxy	57.6461, 0.4050, 0.4816
Android (android.graphics.Color)	4291743297 (0xFFCECE41)
YUV	189.9260, -61.5885, 14.0969
Hunter-Lab	75.9250, -18.8985, 42.5478

Details

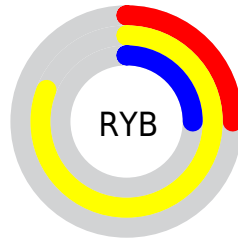
The Yxy color **57.6461, 0.4050, 0.4816** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.3632, 0.1812, 0.1115**, and the grayscale version is **51.7909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1605, 0.3893, 0.4557**, and **28.7524, 0.4148, 0.5088** is the 20% darker color. If you saturate the color by 10%, you get **57.4516, 0.4122, 0.4935**, and if you desaturate by 10%, it is **57.9330, 0.3953, 0.4656**.

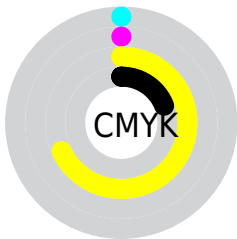
Distribution



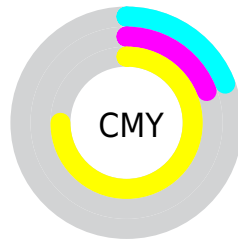
- Red (81%)
- Green (81%)
- Blue (25%)



- Red (25%)
- Yellow (81%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6461, 0.4050, 0.4816 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 57.6461, 0.4050, 0.4816 by changing the saturation by 10% instead.


 57.6461, 0.4050,
0.4816


 57.6461, 0.4050,
0.4816

415.8659, 0.3665,
0.4105

 41.5242, 0.4115,
0.4965


 101.4073, 0.3932,
0.4577


 28.7289, 0.4181,
0.5137


 129.8154, 0.3881,
0.4481


 18.8758, 0.4237,
0.5333


 163.0877, 0.3835,
0.4397

 11.5806, 0.4297,
0.5590

 201.6086, 0.3794,
0.4324

 6.4588, 0.4230,
0.5770

 245.7625, 0.3756,
0.4260

 3.1260, 0.4047,
0.5953

295.9337, 0.3723,

 1.1979, 0.3698,

0.4202

0.6302

352.5068, 0.3692,
0.4151

0.0600, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6461, 0.4050,
0.4816

57.6461, 0.4050,
0.4816

57.4516, 0.4122,
0.4935

57.9330, 0.3953,
0.4656

57.3314, 0.4167,
0.5010

58.3128, 0.3834,
0.4460

57.2729, 0.4190,
0.5048

58.7956, 0.3699,
0.4236

57.2658, 0.4193,
0.5053

59.3881, 0.3553,
0.3995

60.0966, 0.3402,
0.3745

60.9267, 0.3251,
0.3496

61.8838, 0.3105,
0.3253

62.9729, 0.2965,
0.3022

64.1987, 0.2834,
0.2806

Harmonies

Analogous

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



57.6461, 0.4669, 0.4300



57.6461, 0.4050, 0.4816



57.6461, 0.3235, 0.4904

Triad

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



57.6461, 0.4050, 0.4816



57.6461, 0.1640, 0.2519



57.6461, 0.3713, 0.2512

Complementary

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



57.6461, 0.4050, 0.4816



9.3632, 0.1812, 0.1115

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.



57.6461, 0.2808, 0.2133



57.6461, 0.4050, 0.4816



57.6461, 0.1726, 0.2087

Square

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



57.6461, 0.4050, 0.4816



57.6461, 0.1871, 0.3319



57.6461, 0.2115, 0.1978



57.6461, 0.4526, 0.3052

Rectangle

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



57.6461, 0.4050, 0.4816



57.6461, 0.2686, 0.4573



57.6461, 0.2115, 0.1978



57.6461, 0.3402, 0.2364

Sweetspot

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



57.6488, 0.4050, 0.4816



97.0170, 0.3445, 0.3816



17.2865, 0.5397, 0.3297



20.6961, 0.3487, 0.3886



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.



57.6488, 0.4050, 0.4816



92.9714, 0.4146, 0.4975



49.7216, 0.3460, 0.5197



13.0967, 0.3266, 0.3519



35.2594, 0.4193, 0.5053



1.8190, 0.4193, 0.5053

Inverse Universe

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



9.3632, 0.1812, 0.1115



9.7453, 0.1608, 0.0778



13.4317, 0.2399, 0.1395



10.8441, 0.2982, 0.3050



2.7441, 0.1500, 0.0600



0.1416, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 57.6461, 0.4050, 0.4816 looks on a white background.

Color Contrast Check

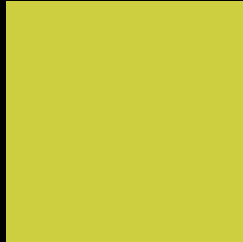
Large Text (above 18pt) WCAG AA × Fail

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 57.6461, 0.4050, 0.4816 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 57.6461, 0.4050, 0.4816

Background



This preview shows how black text looks on a background with the Yxy color 57.6461, 0.4050, 0.4816.



This preview shows how white text looks on a background with the Yxy color 57.6461, 0.4050, 0.4816.

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

57.6461, 0.4050, 0.4816

Protanopia

57.5147, 0.4256, 0.4682

Deuteranopia

57.4216, 0.4509, 0.4417



Tritanopia

57.3134, 0.3224, 0.3109

Trichromacy



Original Color

57.6461, 0.4050, 0.4816

Protanomaly

57.3629, 0.4177, 0.4730

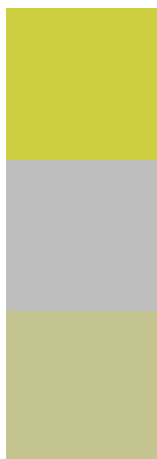
Deuteranomaly

57.2332, 0.4337, 0.4562

Tritanomaly

56.6289, 0.3583, 0.3778

Monochromacy



Original Color

57.6461, 0.4050, 0.4816

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.2600, 0.3516, 0.3933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6461, 0.4050, 0.4816 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(206, 206, 65)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 65)  
}
```

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(206, 206, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 65) }
```

Border

The CSS property to change the border of an element to Yxy 57.6461, 0.4050, 0.4816 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(206, 206, 65) }
```

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

```
.border{ border-color:rgb(206, 206, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 65);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6461, 0.4050, 0.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 65) }
```

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

```
.background{ background-color: rgb(206,  
206, 65) }
```

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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