

Converting Colors

$Y_{xy}(59.6090, 0.4183, 0.4917)$

Have a look what the booklet for
Yxy(59.6090, 0.4183, 0.4917)
contains.

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Color

Yxy(59.5680, 0.4183, 0.4916)

Conversions

Conversions Part 1

Format	Color
Hex	D6D029
RGB	214, 208, 41
RGB Percent	84%, 82%, 16%
CMY	0.1608, 0.1843, 0.8395
CMYK	0.00, 0.03, 0.81, 0.16
HSL	58°, 68%, 50%
HSV	58°, 81%, 84%
XYZ	50.6861, 59.5680, 10.9176
YIQ	190.7560, 57.1830, -50.6650

Conversions

Conversions Part 2

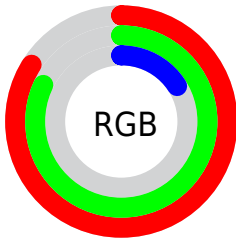
Format	Color
RYB	47, 214, 41
Decimal	14077993
CIELab	81.60, -15.24, 75.37
CIELCh	82, 76.891, 101.429
Yxy	59.5680, 0.4183, 0.4916
Android (android.graphics.Color)	4292268073 (0xFFD6D029)
YUV	190.7560, -73.8297, 20.3850
Hunter-Lab	77.1803, -17.8404, 45.6393

Details

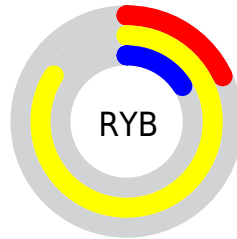
The Yxy color **59.5680, 0.4183, 0.4916** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **7.3520, 0.1641, 0.0858**, and the grayscale version is **52.3601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **30.0798, 0.4204, 0.5044** is the 20% darker color. If you saturate the color by 10%, you get **59.0997, 0.4231, 0.4978**, and if you desaturate by 10%, it is **60.1246, 0.4109, 0.4811**.

Distribution



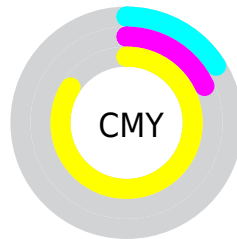
- Red (84%)
- Green (82%)
- Blue (16%)



- Red (18%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (3%)
- Yellow (81%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5680, 0.4183, 0.4916 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 59.5680, 0.4183, 0.4916 by changing the saturation by 10% instead.


 59.5680, 0.4183,
0.4916


 59.5680, 0.4183,
0.4916

423.0036, 0.3758,
0.4186

 43.0705, 0.4249,
0.5058

 104.2027, 0.4058,
0.4679


 29.9405, 0.4311,
0.5216


 133.1088, 0.4002,
0.4581

 19.7934, 0.4356,
0.5385

 166.9198, 0.3951,
0.4494

 12.2450, 0.4401,
0.5599

 206.0203, 0.3905,
0.4418

 6.9107, 0.4299,
0.5701

 250.7944, 0.3863,
0.4350

 3.4063, 0.4141,
0.5859

 301.6268, 0.3824,

 1.3474, 0.3865,

0.4289

0.6135

358.9017, 0.3790,
0.4235

■ 0.1774, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5680, 0.4183,
0.4916

■ 59.5680, 0.4183,
0.4916

■ 59.0997, 0.4231,
0.4978

■ 60.1246, 0.4109,
0.4811

■ 58.7234, 0.4255,
0.5003

■ 60.7728, 0.4009,
0.4663

■ 61.5249, 0.3886,
0.4479

■ 62.3895, 0.3747,
0.4265

63.3741, 0.3598,
0.4033

64.4856, 0.3443,
0.3790

65.7305, 0.3289,
0.3547

67.1147, 0.3140,
0.3310

68.6438, 0.2998,
0.3084

Harmonies

Analogous

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



59.5680, 0.4845, 0.4302



59.5680, 0.4183, 0.4916



59.5680, 0.3303, 0.5115

Triad

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



59.5680, 0.4183, 0.4916



59.5680, 0.1521, 0.2490



59.5680, 0.3680, 0.2397

Complementary

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



59.5680, 0.4183, 0.4916



7.3520, 0.1641, 0.0858

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.



59.5680, 0.2692, 0.2011



59.5680, 0.4183, 0.4916



59.5680, 0.1588, 0.2000

Square

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



59.5680, 0.4183, 0.4916



59.5680, 0.1789, 0.3404



59.5680, 0.1972, 0.1865



59.5680, 0.4614, 0.2961

Rectangle

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



59.5680, 0.4183, 0.4916



59.5680, 0.2701, 0.4803



59.5680, 0.1972, 0.1865



59.5680, 0.3334, 0.2244

Sweetspot

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



59.5708, 0.4183, 0.4916



95.3222, 0.3496, 0.3873



16.1039, 0.5848, 0.3238



20.2758, 0.3551, 0.3960



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.



59.5708, 0.4183, 0.4916



87.4563, 0.4250, 0.4997



53.4954, 0.3507, 0.5420



14.4428, 0.3267, 0.3513



35.5288, 0.4254, 0.5004



2.1665, 0.4243, 0.5013

Inverse Universe

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



7.3520, 0.1641, 0.0858



7.6462, 0.1514, 0.0631



10.3451, 0.2150, 0.1085



12.0769, 0.2981, 0.3057



3.0629, 0.1507, 0.0624



0.2096, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 59.5680, 0.4183, 0.4916 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 59.5680, 0.4183, 0.4916 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 59.5680, 0.4183, 0.4916

Background



This preview shows how black text looks on a background with the Yxy color 59.5680, 0.4183, 0.4916.



This preview shows how white text looks on a background with the Yxy color 59.5680, 0.4183, 0.4916.

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

59.5680, 0.4183, 0.4916

Protanopia

59.3591, 0.4343, 0.4798

Deuteranopia

59.1896, 0.4627, 0.4515



Tritanopia

59.5179, 0.3280, 0.3124

Trichromacy



Original Color

59.5680, 0.4183, 0.4916

Protanomaly

59.5038, 0.4285, 0.4843

Deuteranomaly

59.1187, 0.4464, 0.4660

Tritanomaly

58.5146, 0.3707, 0.3881

Monochromacy



Original Color

59.5680, 0.4183, 0.4916

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.8522, 0.3607, 0.4050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5680, 0.4183, 0.4916 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(214, 208, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 41)  
}
```

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(214, 208, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 41) }
```

Border

The CSS property to change the border of an element to Yxy 59.5680, 0.4183, 0.4916 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(214, 208, 41) }
```

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

```
.border{ border-color:rgb(214, 208, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5680, 0.4183, 0.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 41) }
```

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

```
.background{ background-color: rgb(214,  
208, 41) }
```

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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