

Converting Colors

$Y_{xy}(60.3440, 0.4170, 0.5006)$

Have a look what the booklet for
Yxy(60.3440, 0.4170, 0.5006)
contains.

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Color

Yxy(60.5076, 0.4167, 0.5009)

Conversions

Conversions Part 1

Format	Color
Hex	D3D319
RGB	211, 211, 25
RGB Percent	83%, 83%, 10%
CMY	0.1725, 0.1725, 0.9014
CMYK	0.00, 0.00, 0.88, 0.17
HSL	60°, 79%, 46%
HSV	60°, 88%, 83%
XYZ	50.3364, 60.5076, 9.9537
YIQ	189.7960, 59.7060, -57.8460

Conversions

Conversions Part 2

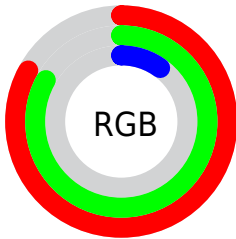
Format	Color
R _Y B	25, 211, 25
Decimal	13882137
CIE Lab	82.11, -18.37, 79.06
CIE LCh	82, 81.171, 103.081
Yxy	60.5076, 0.4167, 0.5009
Android (android.graphics.Color)	4292072217 (0xFFD3D319)
YUV	189.7960, -81.2444, 18.5959
Hunter-Lab	77.7866, -20.6177, 46.8638

Details

The Yxy color **60.5076, 0.4167, 0.5009** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **5.6141, 0.1561, 0.0700**, and the grayscale version is **51.8317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5882, 0.4009, 0.4748**, and **30.7893, 0.4139, 0.5096** is the 20% darker color. If you saturate the color by 10%, you get **60.4482, 0.4190, 0.5047**, and if you desaturate by 10%, it is **60.6391, 0.4121, 0.4932**.

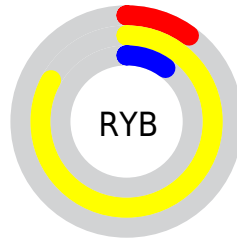
Distribution



Red (83%)

Green (83%)

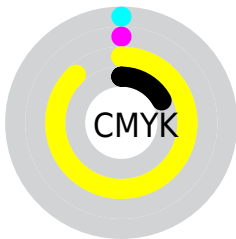
Blue (10%)



Red (10%)

Yellow (83%)

Blue (10%)

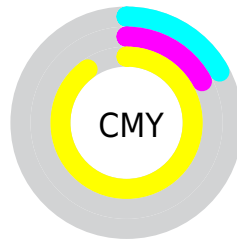


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (17%)



Cyan (17%)


Magenta (17%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5076, 0.4167, 0.5009 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 60.5076, 0.4167, 0.5009 by changing the saturation by 10% instead.


 60.5076, 0.4167,
0.5009


 60.5076, 0.4167,
0.5009

426.4662, 0.3763,
0.4241


 43.8279, 0.4224,
0.5157

 105.5657, 0.4053,
0.4761


 30.5352, 0.4273,
0.5319


 134.7128, 0.4000,
0.4658

 20.2452, 0.4302,
0.5494


 168.7846, 0.3951,
0.4567

 12.5734, 0.4306,
0.5694

 208.1653, 0.3906,
0.4486

 7.1355, 0.4185,
0.5815

 253.2395, 0.3866,
0.4414

 3.5470, 0.3997,
0.6003

 304.3914, 0.3828,

 1.4235, 0.3672,

0.4350

0.6328

362.0055, 0.3794,
0.4293

■ 0.2340, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5076, 0.4167,
0.5009

■ 60.5076, 0.4167,
0.5009

■ 60.4482, 0.4190,
0.5047

■ 60.6391, 0.4121,
0.4932

■ 60.4393, 0.4193,
0.5053

■ 60.8495, 0.4048,
0.4812

■ 61.1524, 0.3950,
0.4651

■ 61.5566, 0.3831,
0.4453

■ 62.0701, 0.3695,
0.4229

■ 62.7000, 0.3549,
0.3987

■ 63.4528, 0.3397,
0.3737

■ 64.3345, 0.3246,
0.3487

■ 65.3509, 0.3099,
0.3244

Harmonies

Analogous

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



60.5076, 0.4883, 0.4365



60.5076, 0.4167, 0.5009



60.5076, 0.3244, 0.5203

Triad

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



60.5076, 0.4167, 0.5009



60.5076, 0.1455, 0.2408



60.5076, 0.3764, 0.2388

Complementary

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



60.5076, 0.4167, 0.5009



5.6141, 0.1561, 0.0700

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.



60.5076, 0.2720, 0.1977



60.5076, 0.4167, 0.5009



60.5076, 0.1544, 0.1930

Square

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



60.5076, 0.4167, 0.5009



60.5076, 0.1706, 0.3340



60.5076, 0.1956, 0.1812



60.5076, 0.4730, 0.2976

Rectangle

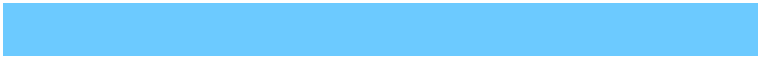
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5076, 0.4167, 0.5009



60.5076, 0.2623, 0.4846



60.5076, 0.1956, 0.1812



60.5076, 0.3400, 0.2227

Sweetspot

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



60.5104, 0.4167, 0.5009



96.4402, 0.3522, 0.3942



14.6367, 0.6156, 0.3285



20.5627, 0.3574, 0.4029



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.



60.5104, 0.4167, 0.5009



92.7765, 0.4193, 0.5053



50.7403, 0.3441, 0.5564



13.7976, 0.3266, 0.3520



36.4726, 0.4193, 0.5053



2.0393, 0.4193, 0.5053

Inverse Universe

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



5.6141, 0.1561, 0.0700



7.2201, 0.1500, 0.0600



9.0489, 0.2117, 0.0999



11.4178, 0.2982, 0.3050



2.8384, 0.1500, 0.0600



0.1587, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 60.5076, 0.4167, 0.5009 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 60.5076, 0.4167, 0.5009 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 60.5076, 0.4167, 0.5009

Background



This preview shows how black text looks on a background with the Yxy color 60.5076, 0.4167, 0.5009.



This preview shows how white text looks on a background with the Yxy color 60.5076, 0.4167, 0.5009.

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

60.5076, 0.4167, 0.5009

Protanopia

60.5475, 0.4377, 0.4852

Deuteranopia

60.1914, 0.4564, 0.4474



Tritanopia

60.2409, 0.3239, 0.3113

Trichromacy



Original Color

60.5076, 0.4167, 0.5009

Protanomaly

60.3796, 0.4301, 0.4908

Deuteranomaly

59.8810, 0.4433, 0.4673

Tritanomaly

59.0025, 0.3713, 0.3952

Monochromacy



Original Color

60.5076, 0.4167, 0.5009

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

54.0056, 0.3639, 0.4137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5076, 0.4167, 0.5009 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(211, 211, 25)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 25)  
}
```

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(211, 211, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 25) }
```

Border

The CSS property to change the border of an element to Yxy 60.5076, 0.4167, 0.5009 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(211, 211, 25) }
```

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

```
.border{ border-color:rgb(211, 211, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 25);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5076, 0.4167, 0.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 25) }
```

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

```
.background{ background-color: rgb(211,  
211, 25) }
```

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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