

Converting Colors

Yxy(58.7428, 0.4219, 0.5025)

Have a look what the booklet for
Yxy(58.7428, 0.4219, 0.5025)
contains.

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Color

Yxy(58.9672, 0.4216, 0.5029)

Conversions

Conversions Part 1

Format	Color
Hex	D3D003
RGB	211, 208, 3
RGB Percent	83%, 82%, 1%
CMY	0.1726, 0.1843, 0.9895
CMYK	0.00, 0.01, 0.99, 0.17
HSL	59°, 97%, 42%
HSV	59°, 99%, 83%
XYZ	49.4344, 58.9672, 8.8527
YIQ	185.5270, 67.5930, -63.1190

Conversions

Conversions Part 2

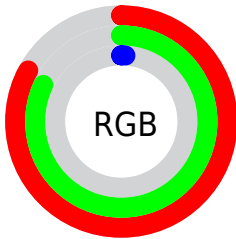
Format	Color
R _Y B	6, 211, 3
Decimal	13881347
CIE Lab	81.27, -17.18, 81.07
CIE LCh	81, 82.871, 101.967
Yxy	58.9672, 0.4216, 0.5029
Android (android.graphics.Color)	4292071427 (0xFFD3D003)
YUV	185.5270, -89.9858, 22.3398
Hunter-Lab	76.7901, -19.4715, 46.9179

Details

The Yxy color **58.9672, 0.4216, 0.5029** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4.8435, 0.1507, 0.0616**, and the grayscale version is **49.2904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **29.7866, 0.4171, 0.5070** is the 20% darker color. If you saturate the color by 10%, you get **58.9453, 0.4219, 0.5032**, and if you desaturate by 10%, it is **59.1770, 0.4191, 0.4994**.

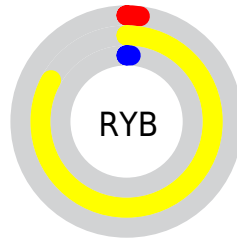
Distribution



Red (83%)

Green (82%)

Blue (1%)



Red (2%)

Yellow (83%)

Blue (1%)

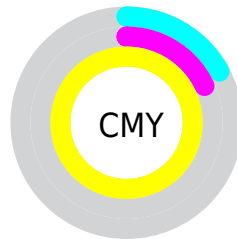


Cyan (0%)

Magenta (1%)

Yellow (99%)

Black (17%)



Cyan (17%)


Magenta (18%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9672, 0.4216, 0.5029 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 58.9672, 0.4216, 0.5029 by changing the saturation by 10% instead.


 58.9672, 0.4216,
0.5029


 58.9672, 0.4216,
0.5029


420.7804, 0.3794,
0.4258

 42.5867, 0.4274,
0.5174


 103.3300, 0.4098,
0.4783

 29.5610, 0.4322,
0.5330


 132.0811, 0.4043,
0.4680

 19.5056, 0.4354,
0.5502


 165.7245, 0.3992,
0.4588

 12.0362, 0.4336,
0.5664

 204.6447, 0.3945,
0.4507

 6.7683, 0.4219,
0.5781

 249.2259, 0.3902,
0.4434

 3.3176, 0.4037,
0.5963

 299.8527, 0.3863,

 1.2997, 0.3710,

0.4369

0.6290

356.9094, 0.3827,
0.4311

■ 0.1410, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9672, 0.4216,
0.5029

■ 58.9672, 0.4216,
0.5029

■ 58.9453, 0.4219,
0.5032

■ 59.1770, 0.4191,
0.4994

■ 59.4486, 0.4143,
0.4921

■ 59.8015, 0.4068,
0.4805

■ 60.2465, 0.3968,
0.4647

■ 60.7926, 0.3847,
0.4453

■ 61.4478, 0.3709,
0.4232

■ 62.2191, 0.3561,
0.3994

■ 63.1133, 0.3408,
0.3747

■ 64.1363, 0.3256,
0.3500

Harmonies

Analogous

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



58.9672, 0.4943, 0.4351



58.9672, 0.4216, 0.5029



58.9672, 0.3275, 0.5272

Triad

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



58.9672, 0.4216, 0.5029



58.9672, 0.1420, 0.2407



58.9672, 0.3738, 0.2346

Complementary

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



58.9672, 0.4216, 0.5029



4.8435, 0.1507, 0.0616

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.



58.9672, 0.2671, 0.1937



58.9672, 0.4216, 0.5029



58.9672, 0.1500, 0.1907

Square

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



58.9672, 0.4216, 0.5029



58.9672, 0.1687, 0.3381



58.9672, 0.1906, 0.1777



58.9672, 0.4747, 0.2939

Rectangle

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



58.9672, 0.4216, 0.5029



58.9672, 0.2637, 0.4932



58.9672, 0.1906, 0.1777



58.9672, 0.3364, 0.2185

Sweetspot

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



58.9700, 0.4216, 0.5029



95.3160, 0.3585, 0.4033



13.9203, 0.6367, 0.3292



20.2914, 0.3649, 0.4135



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.



58.9700, 0.4216, 0.5029



90.4671, 0.4219, 0.5032



49.9283, 0.3390, 0.5683



13.7673, 0.3266, 0.3516



35.5883, 0.4218, 0.5033



1.9994, 0.4213, 0.5037

Inverse Universe

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



4.8435, 0.1507, 0.0616



7.2994, 0.1502, 0.0606



7.6668, 0.1996, 0.0878



11.4445, 0.2982, 0.3053



2.8908, 0.1503, 0.0610



0.1714, 0.1512, 0.0643

Previews

White Background



This preview shows how the Yxy color 58.9672, 0.4216, 0.5029 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 58.9672, 0.4216, 0.5029 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 58.9672, 0.4216, 0.5029

Background



This preview shows how black text looks on a background with the Yxy color 58.9672, 0.4216, 0.5029.



This preview shows how white text looks on a background with the Yxy color 58.9672, 0.4216, 0.5029.

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

58.9672, 0.4216, 0.5029

Deuteranopia

58.6205, 0.4690, 0.4573

Tritanopia

58.5413, 0.3264, 0.3122

Trichromacy



Original Color

58.9672, 0.4216, 0.5029

Deuteranomaly

58.3374, 0.4526, 0.4740

Tritanomaly

57.1417, 0.3800, 0.4048

Monochromacy



Original Color

58.9672, 0.4216, 0.5029

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.9412, 0.3705, 0.4227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9672, 0.4216, 0.5029 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, 208, 3)` looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 3)  
}
```

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, 208, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 3) }
```

Border

The CSS property to change the border of an element to Yxy 58.9672, 0.4216, 0.5029 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, 208, 3) }
```

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

```
.border{ border-color:rgb(211, 208, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 208, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 3);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
3) }
```

Background

The CSS property to change the background color of an element to Yxy 58.9672, 0.4216, 0.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 3) }
```

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

```
.background{ background-color: rgb(211,  
208, 3) }
```

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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