

Converting Colors

Yxy(57.4690, 0.4224, 0.5028)

Have a look what the booklet for
Yxy(57.4690, 0.4224, 0.5028)
contains.

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Color

Yxy(57.2180, 0.4227, 0.5026)

Conversions

Conversions Part 1

Format	Color
Hex	D1CD00
RGB	209, 205, 0
RGB Percent	82%, 80%, 0%
CMY	0.1805, 0.1960, 1.0000
CMYK	0.00, 0.02, 1.00, 0.18
HSL	59°, 100%, 41%
HSV	59°, 100%, 82%
XYZ	48.1219, 57.2180, 8.5041
YIQ	182.8260, 68.1890, -62.9070

Conversions

Conversions Part 2

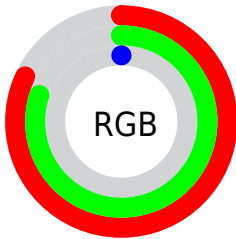
Format	Color
R _Y B	4, 209, 0
Decimal	13749504
CIE Lab	80.30, -16.59, 80.55
CIE LCh	80, 82.237, 101.636
Yxy	57.2180, 0.4227, 0.5026
Android (android.graphics.Color)	4291939584 (0xFFD1CD00)
YUV	182.8260, -90.1332, 22.9546
Hunter-Lab	75.6426, -18.8174, 46.2841

Details

The Yxy color **57.2180, 0.4227, 0.5026** 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 **4.6888, 0.1503, 0.0610**, and the grayscale version is **47.7299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4359, 0.4042, 0.4802**, and **28.6172, 0.4182, 0.5062** is the 20% darker color. If you saturate the color by 10%, you get **57.2209, 0.4227, 0.5026**, and if you desaturate by 10%, it is **57.4650, 0.4202, 0.4994**.

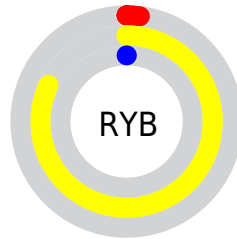
Distribution



Red (82%)

Green (80%)

Blue (0%)



Red (2%)

Yellow (82%)

Blue (0%)

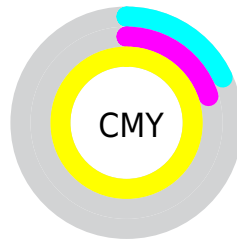


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2180, 0.4227, 0.5026 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 57.2180, 0.4227, 0.5026 by changing the saturation by 10% instead.


 57.2180, 0.4227,
0.5026

 57.2180, 0.4227,
0.5026

414.2657, 0.3798,
0.4254

 41.1803, 0.4286,
0.5171


 100.7832, 0.4106,
0.4779


 28.4600, 0.4335,
0.5327


 129.0795, 0.4050,
0.4676


 18.6727, 0.4371,
0.5502


 162.2308, 0.3999,
0.4584

 11.4340, 0.4346,
0.5654

 200.6214, 0.3951,
0.4503

 6.3596, 0.4228,
0.5772

 244.6358, 0.3907,
0.4430

 3.0649, 0.4045,
0.5955

 294.6584, 0.3868,

 1.1657, 0.3681,

0.4365

0.6319

351.0736, 0.3831,
0.4307

■ 0.0334, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2180, 0.4227,
0.5026

■ 57.2180, 0.4227,
0.5026

■ 57.2209, 0.4227,
0.5026

■ 57.4650, 0.4202,
0.4994

■ 57.7677, 0.4156,
0.4927

■ 58.1487, 0.4083,
0.4816

■ 58.6187, 0.3985,
0.4664

■ 59.1866, 0.3865,
0.4475

■ 59.8605, 0.3728,
0.4257

■ 60.6473, 0.3581,
0.4021

■ 61.5536, 0.3428,
0.3776

■ 62.5853, 0.3275,
0.3530

Harmonies

Analogous

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



57.2180, 0.4952, 0.4344



57.2180, 0.4227, 0.5026



57.2180, 0.3285, 0.5279

Triad

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



57.2180, 0.4227, 0.5026



57.2180, 0.1418, 0.2413



57.2180, 0.3727, 0.2339

Complementary

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



57.2180, 0.4227, 0.5026



4.6888, 0.1503, 0.0610

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.



57.2180, 0.2660, 0.1931



57.2180, 0.4227, 0.5026



57.2180, 0.1494, 0.1907

Square

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



57.2180, 0.4227, 0.5026



57.2180, 0.1689, 0.3394



57.2180, 0.1897, 0.1774



57.2180, 0.4742, 0.2931

Rectangle

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



57.2180, 0.4227, 0.5026



57.2180, 0.2646, 0.4946



57.2180, 0.1897, 0.1774



57.2180, 0.3352, 0.2178

Sweetspot

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



57.2209, 0.4227, 0.5026



95.0904, 0.3586, 0.4029



13.5681, 0.6371, 0.3283



20.2364, 0.3650, 0.4132



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.



57.2209, 0.4227, 0.5026



89.7269, 0.4227, 0.5026



49.0019, 0.3407, 0.5677



13.7574, 0.3267, 0.3515



35.3047, 0.4226, 0.5026



1.9866, 0.4220, 0.5031

Inverse Universe

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



4.6888, 0.1503, 0.0610



7.3252, 0.1502, 0.0608



7.1730, 0.1952, 0.0849



11.4531, 0.2982, 0.3054



2.9078, 0.1504, 0.0613



0.1755, 0.1516, 0.0657

Previews

White Background



This preview shows how the Yxy color 57.2180, 0.4227, 0.5026 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 57.2180, 0.4227, 0.5026 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 57.2180, 0.4227, 0.5026

Background



This preview shows how black text looks on a background with the Yxy color 57.2180, 0.4227, 0.5026.

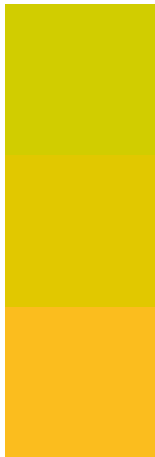


This preview shows how white text looks on a background with the Yxy color 57.2180, 0.4227, 0.5026.

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

57.2180, 0.4227, 0.5026

Protanopia

57.3161, 0.4406, 0.4884

Deuteranopia

56.9982, 0.4681, 0.4583



Tritanopia

57.1990, 0.3273, 0.3132

Trichromacy



Original Color

57.2180, 0.4227, 0.5026

Protanomaly

57.3011, 0.4338, 0.4938

Deuteranomaly

56.9101, 0.4523, 0.4747

Tritanomaly

55.8433, 0.3814, 0.4065

Monochromacy



Original Color

57.2180, 0.4227, 0.5026

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.7290, 0.3717, 0.4248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2180, 0.4227, 0.5026 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(209, 205, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 0)  
}
```

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(209, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 0) }
```

Border

The CSS property to change the border of an element to Yxy 57.2180, 0.4227, 0.5026 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(209, 205, 0) }
```

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

```
.border{ border-color:rgb(209, 205, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 205, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2180, 0.4227, 0.5026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 0) }
```

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

```
.background{ background-color: rgb(209,  
205, 0) }
```

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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