

Converting Colors

Yxy(65.4482, 0.4201, 0.5047)

Have a look what the booklet for
Yxy(65.4482, 0.4201, 0.5047)
contains.

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Color

Yxy(65.2029, 0.4201, 0.5046)

Conversions

Conversions Part 1

Format	Color
Hex	DBDA00
RGB	219, 218, 0
RGB Percent	86%, 85%, 0%
CMY	0.1412, 0.1451, 0.9991
CMYK	0.00, 0.00, 1.00, 0.14
HSL	60°, 100%, 43%
HSV	60°, 100%, 86%
XYZ	54.2841, 65.2029, 9.7300
YIQ	193.4470, 70.5740, -67.5860

Conversions

Conversions Part 2

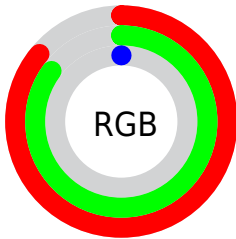
Format	Color
RYB	1, 219, 0
Decimal	14408192
CIELab	84.59, -18.73, 84.01
CIELCh	85, 86.074, 102.568
Yxy	65.2029, 0.4201, 0.5046
Android (android.graphics.Color)	4292598272 (0xFFDBDA00)
YUV	193.4470, -95.3694, 22.4100
Hunter-Lab	80.7483, -21.3107, 49.3795

Details

The Yxy color **65.2029, 0.4201, 0.5046** 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 **5.1418, 0.1501, 0.0603**, and the grayscale version is **54.1641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4846, 0.4031, 0.4785**, and **33.5653, 0.4151, 0.5086** is the 20% darker color. If you saturate the color by 10%, you get **65.2049, 0.4201, 0.5046**, and if you desaturate by 10%, it is **65.3150, 0.4180, 0.5014**.

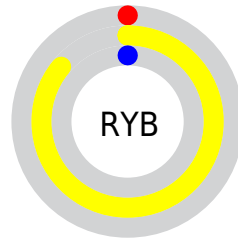
Distribution



Red (86%)

Green (85%)

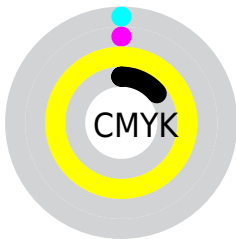
Blue (0%)



Red (0%)

Yellow (86%)

Blue (0%)

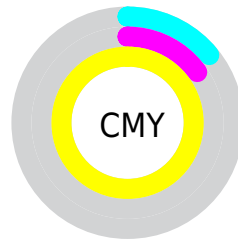


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2029, 0.4201, 0.5046 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 65.2029, 0.4201, 0.5046 by changing the saturation by 10% instead.

65.2029, 0.4201,
0.5046

65.2029, 0.4201,
0.5046

443.5207, 0.3797,
0.4281

47.6256, 0.4255,
0.5188

112.3415, 0.4090,
0.4804

33.5305, 0.4299,
0.5341

142.6716, 0.4037,
0.4702

22.5332, 0.4324,
0.5504

178.0215, 0.3989,
0.4611

14.2492, 0.4319,
0.5681

218.7755, 0.3944,
0.4530

8.2942, 0.4206,
0.5794

265.3180, 0.3902,
0.4458

4.2838, 0.4036,
0.5964

318.0335, 0.3864,

1.8335, 0.3751,

0.4393

0.6249

377.3063, 0.3829,
0.4334

■ 0.5079, 0.0479,
0.9521

■ 0.0000, 0.0000,
0.0000

■ 65.2029, 0.4201,
0.5046

■ 65.2029, 0.4201,
0.5046

■ 65.2049, 0.4201,
0.5046

■ 65.3150, 0.4180,
0.5014

■ 65.4898, 0.4138,
0.4946

■ 65.7514, 0.4069,
0.4834

■ 66.1118, 0.3975,
0.4681

■ 66.5812, 0.3858,
0.4490

■ 67.1683, 0.3723,
0.4270

■ 67.8812, 0.3578,
0.4030

■ 68.7270, 0.3426,
0.3781

■ 69.7126, 0.3274,
0.3531

Harmonies

Analogous

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



65.2029, 0.4938, 0.4368



65.2029, 0.4201, 0.5046



65.2029, 0.3255, 0.5278

Triad

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



65.2029, 0.4201, 0.5046



65.2029, 0.1413, 0.2389



65.2029, 0.3763, 0.2353

Complementary

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



65.2029, 0.4201, 0.5046



5.1418, 0.1501, 0.0603

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.



65.2029, 0.2688, 0.1938



65.2029, 0.4201, 0.5046



65.2029, 0.1499, 0.1896

Square

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



65.2029, 0.4201, 0.5046



65.2029, 0.1672, 0.3357



65.2029, 0.1913, 0.1773



65.2029, 0.4770, 0.2950

Rectangle

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



65.2029, 0.4201, 0.5046



65.2029, 0.2616, 0.4923



65.2029, 0.1913, 0.1773



65.2029, 0.3387, 0.2190

Sweetspot

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



65.2060, 0.4201, 0.5046



95.7950, 0.3583, 0.4039



15.0722, 0.6385, 0.3292



20.4083, 0.3646, 0.4142



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.



65.2060, 0.4201, 0.5046



92.0500, 0.4201, 0.5046



54.1870, 0.3382, 0.5696



15.2533, 0.3267, 0.3520



38.6714, 0.4201, 0.5046



2.5086, 0.4200, 0.5047

Inverse Universe

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



5.1418, 0.1501, 0.0603



7.2449, 0.1501, 0.0602



8.1809, 0.1981, 0.0866



12.6265, 0.2981, 0.3049



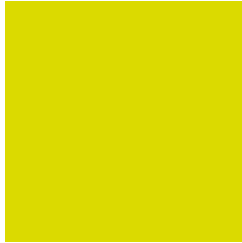
3.0496, 0.1501, 0.0603



0.2010, 0.1504, 0.0612

Previews

White Background



This preview shows how the Yxy color 65.2029, 0.4201, 0.5046 looks on a white background.

Color Contrast Check

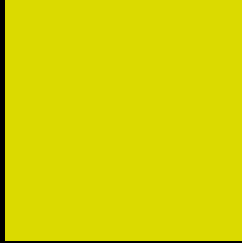
Large Text (above 18pt) WCAG AA × Fail

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 65.2029, 0.4201, 0.5046 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 65.2029, 0.4201, 0.5046

Background



This preview shows how black text looks on a background with the Yxy color 65.2029, 0.4201, 0.5046.

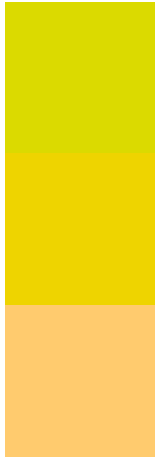


This preview shows how white text looks on a background with the Yxy color 65.2029, 0.4201, 0.5046.

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

65.2029, 0.4201, 0.5046

Protanopia

65.2641, 0.4403, 0.4886

Deuteranopia

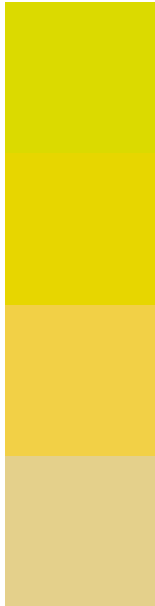
65.0977, 0.4237, 0.4217



Tritanopia

65.0975, 0.3250, 0.3129

Trichromacy



Original Color

65.2029, 0.4201, 0.5046

Protanomaly

65.0821, 0.4330, 0.4944

Deuteranomaly

64.4312, 0.4313, 0.4610

Tritanomaly

63.4698, 0.3790, 0.4062

Monochromacy



Original Color

65.2029, 0.4201, 0.5046

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

56.2277, 0.3708, 0.4250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2029, 0.4201, 0.5046 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(219, 218, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 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(219, 218, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 0) }
```

Border

The CSS property to change the border of an element to Yxy 65.2029, 0.4201, 0.5046 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(219, 218, 0) }
```

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

```
.border{ border-color:rgb(219, 218, 0) }
```

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

Here you see how a box with a 4 pixel rgb(219, 218, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2029, 0.4201, 0.5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 0) }
```

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

```
.background{ background-color: rgb(219,  
218, 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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