

Converting Colors

Yxy(41.4637, 0.4196, 0.5051)

Have a look what the booklet for
Yxy(41.4637, 0.4196, 0.5051)
contains.

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Color

Yxy(41.4245, 0.4203, 0.5045)

Conversions

Conversions Part 1

Format	Color
Hex	B3B200
RGB	179, 178, 0
RGB Percent	70%, 70%, 0%
CMY	0.2980, 0.3019, 1.0000
CMYK	0.00, 0.01, 1.00, 0.30
HSL	60°, 100%, 35%
HSV	60°, 100%, 70%
XYZ	34.5108, 41.4245, 6.1747
YIQ	158.0070, 57.7340, -55.1460

Conversions

Conversions Part 2

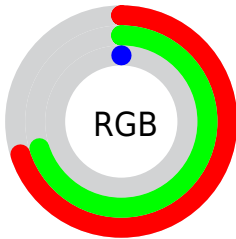
Format	Color
R _Y B	1, 179, 0
Decimal	11776512
CIE Lab	70.47, -16.02, 72.25
CIE LCh	70, 74.006, 102.502
Yxy	41.4245, 0.4203, 0.5045
Android (android.graphics.Color)	4289966592 (0xFFB3B200)
YUV	158.0070, -77.8975, 18.4109
Hunter-Lab	64.3619, -16.9216, 39.3652

Details

The Yxy color **41.4245, 0.4203, 0.5045** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.2764, 0.1501, 0.0604**, and the grayscale version is **34.5375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0195, 0.4072, 0.4765**, and **19.0593, 0.4140, 0.5095** is the 20% darker color. If you saturate the color by 10%, you get **41.4266, 0.4203, 0.5045**, and if you desaturate by 10%, it is **41.5096, 0.4178, 0.5007**.

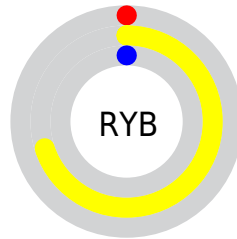
Distribution



Red (70%)

Green (70%)

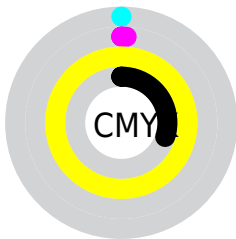
Blue (0%)



Red (0%)

Yellow (70%)

Blue (0%)

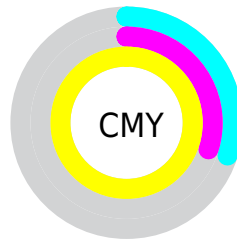


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (30%)



Cyan (30%)


Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4245, 0.4203, 0.5045 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 41.4245, 0.4203, 0.5045 by changing the saturation by 10% instead.


 41.4245, 0.4203,
0.5045

 41.4245, 0.4203,
0.5045


352.0917, 0.3755,
0.4212

 28.6509, 0.4265,
0.5211


 77.3279, 0.4074,
0.4768


 18.8169, 0.4312,
0.5392


 101.2265, 0.4015,
0.4655

 11.5381, 0.4366,
0.5634


 129.6022, 0.3960,
0.4557

 6.4300, 0.4253,
0.5747

 162.8395, 0.3911,
0.4470

 3.1083, 0.4078,
0.5922

 201.3227, 0.3866,
0.4393

 1.1885, 0.3743,
0.6257

 245.4362, 0.3825,

 0.0523, 0.0000,

0.4326

1.0000

295.5644, 0.3789,
0.4265

■ 0.0000, 0.0000,
0.0000

■ 41.4245, 0.4203,
0.5045

■ 41.4245, 0.4203,
0.5045

■ 41.4266, 0.4203,
0.5045

■ 41.5096, 0.4178,
0.5007

■ 41.6321, 0.4134,
0.4936

■ 41.8092, 0.4063,
0.4822

■ 42.0481, 0.3968,
0.4667

■ 42.3550, 0.3851,
0.4477

■ 42.7351, 0.3718,
0.4259

■ 43.1933, 0.3573,
0.4022

■ 43.7341, 0.3424,
0.3777

■ 44.3615, 0.3274,
0.3530

Harmonies

Analogous

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



41.4245, 0.4939, 0.4367



41.4245, 0.4203, 0.5045



41.4245, 0.3257, 0.5278

Triad

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



41.4245, 0.4203, 0.5045



41.4245, 0.1413, 0.2390



41.4245, 0.3761, 0.2352

Complementary

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



41.4245, 0.4203, 0.5045



3.2764, 0.1501, 0.0604

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.



41.4245, 0.2686, 0.1937



41.4245, 0.4203, 0.5045



41.4245, 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.



41.4245, 0.4203, 0.5045



41.4245, 0.1673, 0.3359



41.4245, 0.1912, 0.1773



41.4245, 0.4769, 0.2949

Rectangle

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



41.4245, 0.4203, 0.5045



41.4245, 0.2618, 0.4926



41.4245, 0.1912, 0.1773



41.4245, 0.3385, 0.2189

Sweetspot

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



41.4266, 0.4203, 0.5045



77.3116, 0.3581, 0.4035



9.5904, 0.6382, 0.3290



17.0494, 0.3642, 0.4135



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4266, 0.4203, 0.5045



74.1806, 0.4203, 0.5045



34.5411, 0.3391, 0.5690



9.8984, 0.3263, 0.3514



29.2769, 0.4203, 0.5045



0.9238, 0.4200, 0.5047

Inverse Universe

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



3.2764, 0.1501, 0.0604



5.8571, 0.1501, 0.0603



5.2578, 0.1993, 0.0872



8.2375, 0.2985, 0.3056



2.3184, 0.1501, 0.0604



0.0754, 0.1507, 0.0623

Previews

White Background



This preview shows how the Yxy color 41.4245, 0.4203, 0.5045 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 41.4245, 0.4203, 0.5045 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 41.4245, 0.4203, 0.5045

Background



This preview shows how black text looks on a background with the Yxy color 41.4245, 0.4203, 0.5045.



This preview shows how white text looks on a background with the Yxy color 41.4245, 0.4203, 0.5045.

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

41.4245, 0.4203, 0.5045

Protanopia

41.3565, 0.4398, 0.4890

Deuteranopia

41.0252, 0.4673, 0.4575



Tritanopia

41.2010, 0.3256, 0.3122

Trichromacy



Original Color

41.4245, 0.4203, 0.5045

Protanomaly

41.4788, 0.4329, 0.4945

Deuteranomaly

40.7422, 0.4513, 0.4747

Tritanomaly

40.5065, 0.3792, 0.4059

Monochromacy



Original Color

41.4245, 0.4203, 0.5045

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.9568, 0.3706, 0.4226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4245, 0.4203, 0.5045 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(179, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 178, 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(179, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 0) }
```

Border

The CSS property to change the border of an element to Yxy 41.4245, 0.4203, 0.5045 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(179, 178, 0) }
```

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

```
.border{ border-color:rgb(179, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4245, 0.4203, 0.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 0) }
```

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

```
.background{ background-color: rgb(179,  
178, 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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