

Converting Colors

$Y_{xy}(44.1035, 0.4182, 0.5062)$

Have a look what the booklet for
Yxy(44.1035, 0.4182, 0.5062)
contains.

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Color

Yxy(44.2261, 0.4174, 0.5067)

Conversions

Conversions Part 1

Format	Color
Hex	B6B800
RGB	182, 184, 0
RGB Percent	71%, 72%, 0%
CMY	0.2863, 0.2784, 0.9988
CMYK	0.01, 0.00, 1.00, 0.28
HSL	61°, 100%, 36%
HSV	61°, 100%, 72%
XYZ	36.4318, 44.2261, 6.6248
YIQ	162.4260, 57.8720, -57.6480

Conversions

Conversions Part 2

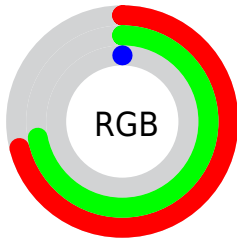
Format	Color
RYB	0, 184, 2
Decimal	11974656
CIELab	72.38, -17.74, 73.72
CIELCh	72, 75.821, 103.532
Yxy	44.2261, 0.4174, 0.5067
Android (android.graphics.Color)	4290164736 (0xFFB6B800)
YUV	162.4260, -80.0760, 17.1664
Hunter-Lab	66.5027, -18.5932, 40.6456

Details

The Yxy color **44.2261, 0.4174, 0.5067** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.4827, 0.1504, 0.0603**, and the grayscale version is **36.7223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7766, 0.4055, 0.4790**, and **20.5177, 0.4103, 0.5124** is the 20% darker color. If you saturate the color by 10%, you get **44.2271, 0.4174, 0.5068**, and if you desaturate by 10%, it is **44.2981, 0.4153, 0.5027**.

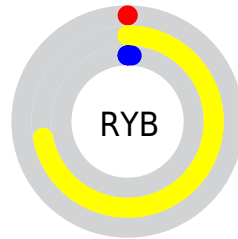
Distribution



Red (71%)

Green (72%)

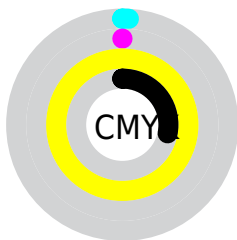
Blue (0%)



Red (0%)

Yellow (72%)

Blue (1%)

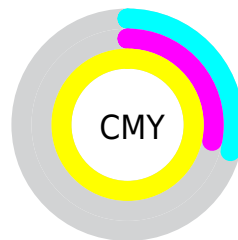


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (29%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2261, 0.4174, 0.5067 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 44.2261, 0.4174, 0.5067 by changing the saturation by 10% instead.


 44.2261, 0.4174,
0.5067


 44.2261, 0.4174,
0.5067

363.6301, 0.3747,
0.4229


 30.8483, 0.4231,
0.5234

 81.5579, 0.4053,
0.4789


 20.4834, 0.4273,
0.5416

 106.2806, 0.3997,
0.4676


 12.7469, 0.4329,
0.5671

 135.5538, 0.3945,
0.4577

 7.2545, 0.4213,
0.5787

 169.7618, 0.3898,
0.4489

 3.6218, 0.4034,
0.5966

 209.2891, 0.3854,
0.4412

 1.4643, 0.3726,
0.6274

 254.5199, 0.3815,

 0.2634, 0.0000,

0.4344

1.0000

305.8388, 0.3780,
0.4283

■ 0.0000, 0.0000,
0.0000

■ 44.2261, 0.4174,
0.5067

■ 44.2261, 0.4174,
0.5067

■ 44.2271, 0.4174,
0.5068

■ 44.2981, 0.4153,
0.5027

■ 44.4110, 0.4111,
0.4953

■ 44.5822, 0.4044,
0.4837

■ 44.8193, 0.3952,
0.4679

■ 45.1290, 0.3838,
0.4485

■ 45.5170, 0.3707,
0.4264

■ 45.9885, 0.3565,
0.4025

■ 46.5481, 0.3418,
0.3777

■ 47.2002, 0.3269,
0.3528

Harmonies

Analogous

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



44.2261, 0.4923, 0.4393



44.2261, 0.4174, 0.5067



44.2261, 0.3223, 0.5277

Triad

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



44.2261, 0.4174, 0.5067



44.2261, 0.1407, 0.2363



44.2261, 0.3801, 0.2368

Complementary

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



44.2261, 0.4174, 0.5067



3.4827, 0.1504, 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.



44.2261, 0.2718, 0.1945



44.2261, 0.4174, 0.5067



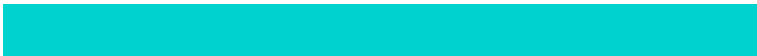
44.2261, 0.1504, 0.1884

Square

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



44.2261, 0.4174, 0.5067



44.2261, 0.1654, 0.3318



44.2261, 0.1930, 0.1771



44.2261, 0.4799, 0.2970

Rectangle

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



44.2261, 0.4174, 0.5067



44.2261, 0.2585, 0.4900



44.2261, 0.1930, 0.1771



44.2261, 0.3424, 0.2203

Sweetspot

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



44.2282, 0.4174, 0.5067



83.2983, 0.3575, 0.4041



10.1986, 0.6398, 0.3300



17.8772, 0.3635, 0.4143



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.2282, 0.4174, 0.5067



80.1604, 0.4174, 0.5068



36.5677, 0.3367, 0.5707



10.4982, 0.3262, 0.3516



30.4809, 0.4174, 0.5067



1.0761, 0.4180, 0.5063

Inverse Universe

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



3.4827, 0.1504, 0.0603



6.2904, 0.1503, 0.0601



5.7513, 0.2025, 0.0890



8.7241, 0.2986, 0.3054



2.3961, 0.1504, 0.0602



0.0861, 0.1521, 0.0612

Previews

White Background



This preview shows how the Yxy color 44.2261, 0.4174, 0.5067 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 44.2261, 0.4174, 0.5067 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 44.2261, 0.4174, 0.5067

Background



This preview shows how black text looks on a background with the Yxy color 44.2261, 0.4174, 0.5067.



This preview shows how white text looks on a background with the Yxy color 44.2261, 0.4174, 0.5067.

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

44.2261, 0.4174, 0.5067

Protanopia

44.1201, 0.4402, 0.4887

Deuteranopia

43.9364, 0.4678, 0.4572



Tritanopia

44.0558, 0.3225, 0.3125

Trichromacy



Original Color

44.2261, 0.4174, 0.5067

Protanomaly

43.9800, 0.4316, 0.4955

Deuteranomaly

43.8711, 0.4502, 0.4755

Tritanomaly

43.2822, 0.3759, 0.4071

Monochromacy



Original Color

44.2261, 0.4174, 0.5067

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.1637, 0.3696, 0.4250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2261, 0.4174, 0.5067 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(182, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 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(182, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.2261, 0.4174, 0.5067 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(182, 184, 0) }
```

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

```
.border{ border-color:rgb(182, 184, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 184, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2261, 0.4174, 0.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 0) }
```

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

```
.background{ background-color: rgb(182,  
184, 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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