

Converting Colors

Yxy(46.5048, 0.3848, 0.4696)

Have a look what the booklet for
Yxy(46.5048, 0.3848, 0.4696)
contains.

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Color

Yxy(46.5434, 0.3854, 0.4696)

Conversions

Conversions Part 1

Format	Color
Hex	B3BD4F
RGB	179, 189, 79
RGB Percent	70%, 74%, 31%
CMY	0.2981, 0.2588, 0.6901
CMYK	0.05, 0.00, 0.58, 0.26
HSL	65°, 45%, 53%
HSV	65°, 58%, 74%
XYZ	38.1981, 46.5434, 14.3714
YIQ	173.4700, 29.3500, -36.3300

Conversions

Conversions Part 2

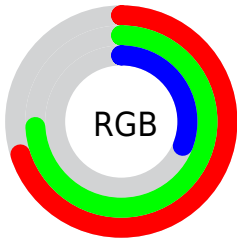
Format	Color
RYB	79, 189, 89
Decimal	11779407
CIELab	73.90, -18.50, 53.16
CIELCh	74, 56.293, 109.191
Yxy	46.5434, 0.3854, 0.4696
Android (android.graphics.Color)	4289969487 (0xFFB3BD4F)
YUV	173.4700, -46.5737, 4.8498
Hunter-Lab	68.2227, -19.4471, 35.2663

Details

The Yxy color **46.5434, 0.3854, 0.4696** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **11.3955, 0.2092, 0.1480**, and the grayscale version is **42.2747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9753, 0.3753, 0.4445**, and **21.9594, 0.3979, 0.5056** is the 20% darker color. If you saturate the color by 10%, you get **46.1044, 0.3936, 0.4876**, and if you desaturate by 10%, it is **47.0675, 0.3751, 0.4483**.

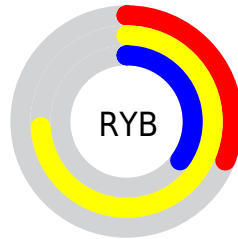
Distribution



Red (70%)

Green (74%)

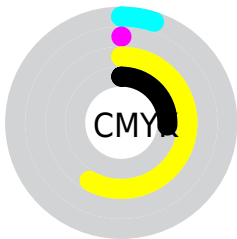
Blue (31%)



Red (31%)

Yellow (74%)

Blue (35%)

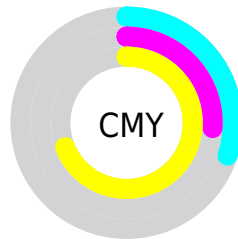


Cyan (5%)

Magenta (0%)

Yellow (58%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5434, 0.3854, 0.4696 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 46.5434, 0.3854, 0.4696 by changing the saturation by 10% instead.


 46.5434, 0.3854,
0.4696


 46.5434, 0.3854,
0.4696


372.9890, 0.3531,
0.3994

 32.6748, 0.3914,
0.4860


 85.0317, 0.3750,
0.4447

 21.8775, 0.3977,
0.5061


 110.4202, 0.3707,
0.4351

 13.7669, 0.4034,
0.5306


 140.4174, 0.3669,
0.4269

 7.9587, 0.4095,
0.5643

 175.4078, 0.3635,
0.4199

 4.0685, 0.4032,
0.5968

 215.7758, 0.3605,
0.4138

 1.7120, 0.3738,
0.6262

261.9057, 0.3577,

 0.4314, 0.0000,

0.4084

1.0000

314.1820, 0.3553,
0.4037

0.0000, 0.0000,
0.0000

46.5434, 0.3854,
0.4696

46.5434, 0.3854,
0.4696

46.1044, 0.3936,
0.4876

47.0675, 0.3751,
0.4483

45.7372, 0.3993,
0.5017

47.6763, 0.3633,
0.4246

45.4360, 0.4025,
0.5113

48.3774, 0.3504,
0.3995

45.1881, 0.4033,
0.5170

49.1757, 0.3370,
0.3740

45.1454, 0.4034,
0.5179

50.0760, 0.3235,
0.3489

■ 51.0826, 0.3104,
0.3247

■ 52.1994, 0.2978,
0.3019

■ 53.4304, 0.2860,
0.2807

■ 54.7792, 0.2751,
0.2612

Harmonies

Analogous

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



46.5434, 0.4441, 0.4310



46.5434, 0.3854, 0.4696



46.5434, 0.3112, 0.4644

Triad

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



46.5434, 0.3854, 0.4696



46.5434, 0.1779, 0.2525



46.5434, 0.3787, 0.2670

Complementary

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



46.5434, 0.3854, 0.4696



11.3955, 0.2092, 0.1480

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.



46.5434, 0.2979, 0.2292



46.5434, 0.3854, 0.4696



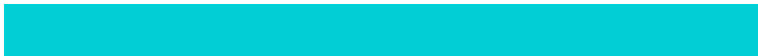
46.5434, 0.1904, 0.2177

Square

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



46.5434, 0.3854, 0.4696



46.5434, 0.1946, 0.3187



46.5434, 0.2311, 0.2114



46.5434, 0.4450, 0.3183

Rectangle

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



46.5434, 0.3854, 0.4696



46.5434, 0.2630, 0.4287



46.5434, 0.2311, 0.2114



46.5434, 0.3517, 0.2525

Sweetspot

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



46.5455, 0.3854, 0.4696



88.2069, 0.3357, 0.3717



18.3949, 0.4807, 0.3414



18.9031, 0.3384, 0.3768



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.5455, 0.3854, 0.4696



82.3604, 0.3955, 0.4922



41.3117, 0.3369, 0.4962



11.0752, 0.3251, 0.3518



30.3902, 0.4036, 0.5177



1.2035, 0.4076, 0.5145

Inverse Universe

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



11.3955, 0.2092, 0.1480



13.5297, 0.1852, 0.1090



15.1254, 0.2643, 0.1713



9.2658, 0.2997, 0.3054



2.5687, 0.1535, 0.0619



0.1148, 0.1660, 0.0688

Previews

White Background



This preview shows how the Yxy color 46.5434, 0.3854, 0.4696 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 46.5434, 0.3854, 0.4696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

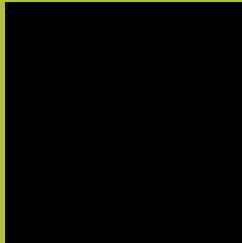
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5434, 0.3854, 0.4696

Background



This preview shows how black text looks on a background with the Yxy color 46.5434, 0.3854, 0.4696.



This preview shows how white text looks on a background with the Yxy color 46.5434, 0.3854, 0.4696.

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

46.5434, 0.3854, 0.4696

Protanopia

46.5483, 0.4129, 0.4531

Deuteranopia

46.3745, 0.4358, 0.4274



Tritanopia

46.2822, 0.3135, 0.3113

Trichromacy



Original Color

46.5434, 0.3854, 0.4696

Protanomaly

46.7173, 0.4027, 0.4591

Deuteranomaly

46.2593, 0.4177, 0.4426

Tritanomaly

45.8146, 0.3435, 0.3701

Monochromacy



Original Color

46.5434, 0.3854, 0.4696

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.2182, 0.3421, 0.3844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5434, 0.3854, 0.4696 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, 189, 79)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 79)  
}
```

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, 189, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 79) }
```

Border

The CSS property to change the border of an element to Yxy 46.5434, 0.3854, 0.4696 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, 189, 79) }
```

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

```
.border{ border-color:rgb(179, 189, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 79);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5434, 0.3854, 0.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 79) }
```

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

```
.background{ background-color: rgb(179,  
189, 79) }
```

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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