

Converting Colors

$Yxy(47.3387, 0.3701, 0.4387)$

Have a look what the booklet for
Yxy(47.3387, 0.3701, 0.4387)
contains.

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Color

Yxy(47.2596, 0.3698, 0.4385)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5BD6A |
| RGB | 181, 189, 106 |
| RGB Percent | 71%, 74%, 42% |
| CMY | 0.2902, 0.2588, 0.5843 |
| CMYK | 0.04, 0.00, 0.44, 0.26 |
| HSL | 66°, 39%, 58% |
| HSV | 66°, 44%, 74% |
| XYZ | 39.8554, 47.2596, 20.6606 |
| YIQ | 177.1460, 21.8750, -27.5090 |

Conversions

Conversions Part 2

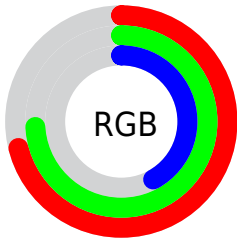
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 106, 189, 114 |
| Decimal | 11910506 |
| CIELab | 74.36, -15.22, 40.86 |
| CIELCh | 74, 43.601, 110.432 |
| Yxy | 47.2596, 0.3698, 0.4385 |
| Android (android.graphics.Color) | 4290100586 (0xFFB5BD6A) |
| YUV | 177.1460, -35.0750, 3.3800 |
| Hunter-Lab | 68.7456, -16.8191, 30.3031 |

Details

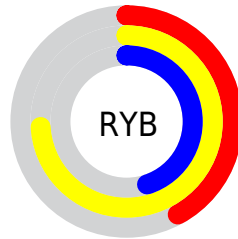
The Yxy color **47.2596, 0.3698, 0.4385** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.5644, 0.2384, 0.1968**, and the grayscale version is **44.2280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9852, 0.3607, 0.4181**, and **22.4059, 0.3824, 0.4689** is the 20% darker color. If you saturate the color by 10%, you get **46.6918, 0.3807, 0.4611**, and if you desaturate by 10%, it is **47.9212, 0.3575, 0.4140**.

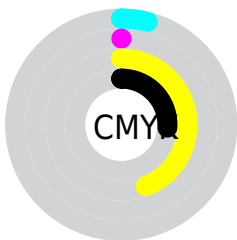
Distribution



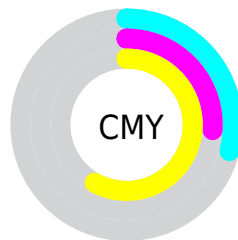
- Red (71%)
- Green (74%)
- Blue (42%)



- Red (42%)
- Yellow (74%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)




- Cyan (29%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2596, 0.3698, 0.4385 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 47.2596, 0.3698, 0.4385 by changing the saturation by 10% instead.


 47.2596, 0.3698,
0.4385

 47.2596, 0.3698,
0.4385

375.8498, 0.3433,
0.3832


 33.2409, 0.3754,
0.4520


 86.1010, 0.3608,
0.4185


 22.3111, 0.3820,
0.4690


 111.6925, 0.3572,
0.4110

 14.0857, 0.3894,
0.4909


 141.9104, 0.3541,
0.4046

 8.1803, 0.3968,
0.5193

 177.1391, 0.3514,
0.3991

 4.2105, 0.4148,
0.5744

217.7630, 0.3490,
0.3943

 1.7920, 0.3961,
0.6039

264.1665, 0.3469,

 0.4822, 0.1524,

0.3902

0.8476

316.7340, 0.3450,
0.3865

0.0000, 0.0000,
0.0000

47.2596, 0.3698,
0.4385

47.2596, 0.3698,
0.4385

46.6918, 0.3807,
0.4611

47.9212, 0.3575,
0.4140

46.2057, 0.3898,
0.4807

48.6755, 0.3444,
0.3886

45.7968, 0.3965,
0.4967

49.5294, 0.3311,
0.3632

45.4579, 0.4006,
0.5083

50.4874, 0.3178,
0.3384

45.1798, 0.4023,
0.5156

51.5537, 0.3050,
0.3148

 45.0294, 0.4025,
0.5186

 52.7323, 0.2928,
0.2926

 54.0270, 0.2814,
0.2722

 55.2976, 0.2722,
0.2556

 55.5430, 0.2735,
0.2558

Harmonies

Analogous

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



47.2596, 0.4155, 0.4136



47.2596, 0.3698, 0.4385



47.2596, 0.3113, 0.4293

Triad

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



47.2596, 0.3698, 0.4385



47.2596, 0.2048, 0.2690



47.2596, 0.3666, 0.2818

Complementary

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



47.2596, 0.3698, 0.4385



17.5644, 0.2384, 0.1968

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.



47.2596, 0.3046, 0.2500



47.2596, 0.3698, 0.4385



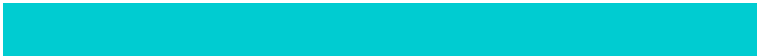
47.2596, 0.2159, 0.2404

Square

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



47.2596, 0.3698, 0.4385



47.2596, 0.2183, 0.3203



47.2596, 0.2505, 0.2350



47.2596, 0.4160, 0.3245

Rectangle

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



47.2596, 0.3698, 0.4385



47.2596, 0.2731, 0.4015



47.2596, 0.2505, 0.2350



47.2596, 0.3462, 0.2696

Sweetspot

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



47.2617, 0.3698, 0.4385



88.8162, 0.3301, 0.3614



23.6552, 0.4225, 0.3389



19.0228, 0.3331, 0.3670



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.



47.2617, 0.3698, 0.4385



83.6261, 0.3807, 0.4609



43.0654, 0.3336, 0.4530



11.0725, 0.3250, 0.3518



30.3138, 0.4027, 0.5185



1.2011, 0.4069, 0.5151

Inverse Universe

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



17.5644, 0.2384, 0.1968



23.4108, 0.2183, 0.1627



20.8974, 0.2793, 0.2103



9.2682, 0.2998, 0.3054



2.5758, 0.1537, 0.0621



0.1159, 0.1669, 0.0693

Previews

White Background



This preview shows how the Yxy color 47.2596, 0.3698, 0.4385 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 47.2596, 0.3698, 0.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

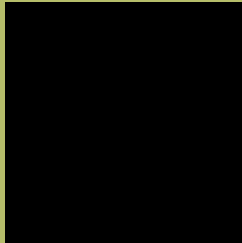
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2596, 0.3698, 0.4385

Background



This preview shows how black text looks on a background with the Yxy color 47.2596, 0.3698, 0.4385.



This preview shows how white text looks on a background with the Yxy color 47.2596, 0.3698, 0.4385.

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

47.2596, 0.3698, 0.4385

Protanopia

47.2840, 0.3930, 0.4270

Deuteranopia

46.9058, 0.4143, 0.4046



Tritanopia

47.1668, 0.3118, 0.3114

Trichromacy



Original Color

47.2596, 0.3698, 0.4385

Protanomaly

47.1872, 0.3846, 0.4306

Deuteranomaly

46.5883, 0.3979, 0.4160

Tritanomaly

47.0050, 0.3339, 0.3579

Monochromacy



Original Color

47.2596, 0.3698, 0.4385

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7471, 0.3345, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2596, 0.3698, 0.4385 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(181, 189, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 106)  
}
```

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(181, 189, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 106) }
```

Border

The CSS property to change the border of an element to Yxy 47.2596, 0.3698, 0.4385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

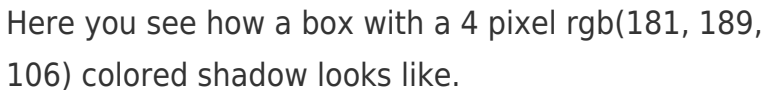
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 189, 106) }
```

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

```
.border{ border-color:rgb(181, 189, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 189, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2596, 0.3698, 0.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 106) }
```

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

```
.background{ background-color: rgb(181,  
189, 106) }
```

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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