

Converting Colors

$Yxy(48.6931, 0.3545, 0.4144)$

Have a look what the booklet for
Yxy(48.6931, 0.3545, 0.4144)
contains.

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Color

Yxy(48.7390, 0.3545, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	B6BF7F
RGB	182, 191, 127
RGB Percent	71%, 75%, 50%
CMY	0.2863, 0.2510, 0.5019
CMYK	0.05, 0.00, 0.34, 0.25
HSL	68°, 33%, 62%
HSV	68°, 34%, 75%
XYZ	41.7544, 48.7390, 27.2905
YIQ	181.0130, 15.1800, -21.8120

Conversions

Conversions Part 2

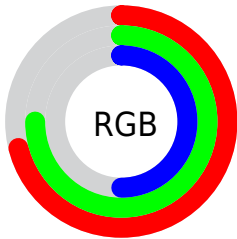
Format	Color
RYB	127, 191, 136
Decimal	11976575
CIELab	75.29, -13.39, 31.29
CIELCh	75, 34.039, 113.167
Yxy	48.7390, 0.3545, 0.4138
Android (android.graphics.Color)	4290166655 (0xFFB6BF7F)
YUV	181.0130, -26.6284, 0.8656
Hunter-Lab	69.8133, -15.4149, 25.6924

Details

The Yxy color **48.7390, 0.3545, 0.4138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.1803, 0.2614, 0.2328**, and the grayscale version is **46.3584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1675, 0.3482, 0.3982**, and **23.3020, 0.3638, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **47.9654, 0.3660, 0.4389**, and if you desaturate by 10%, it is **49.6176, 0.3422, 0.3880**.

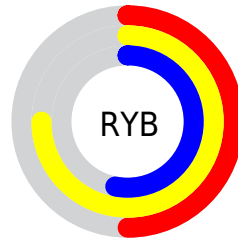
Distribution



Red (71%)

Green (75%)

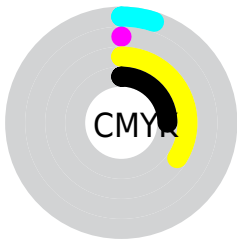
Blue (50%)



Red (50%)

Yellow (75%)

Blue (53%)

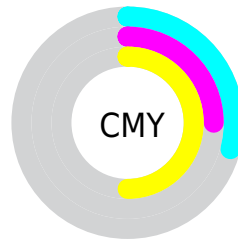


Cyan (5%)

Magenta (0%)

Yellow (34%)

Black (25%)



Cyan (29%)


Magenta (25%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7390, 0.3545, 0.4138 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 48.7390, 0.3545, 0.4138 by changing the saturation by 10% instead.


 48.7390, 0.3545,
0.4138


 48.7390, 0.3545,
0.4138

381.7139, 0.3347,
0.3709


 34.4125, 0.3589,
0.4245

 88.3037, 0.3477,
0.3982

 23.2107, 0.3643,
0.4381


 114.3106, 0.3450,
0.3923

 14.7491, 0.3708,
0.4560


 144.9799, 0.3427,
0.3874

 8.6435, 0.3785,
0.4804

180.6958, 0.3407,
0.3832

 4.5094, 0.3870,
0.5148

221.8427, 0.3389,
0.3795

 1.9624, 0.4099,
0.5901

268.8051, 0.3374,

 0.5855, 0.2817,

0.3763

0.7183

321.9674, 0.3360,
0.3734

0.0000, 0.0000,
0.0000

48.7390, 0.3545,
0.4138

48.7390, 0.3545,
0.4138

47.9654, 0.3660,
0.4389

49.6176, 0.3422,
0.3880

47.2850, 0.3762,
0.4624

50.5997, 0.3296,
0.3623

46.6939, 0.3845,
0.4830


51.6921, 0.3170,
0.3374

46.1856, 0.3906,
0.5001


52.8991, 0.3049,
0.3138

45.7524, 0.3940,
0.5128


54.2248, 0.2934,
0.2919


 45.3852, 0.3950,
0.5211

 55.6730, 0.2826,
0.2716

 45.1704, 0.3947,
0.5248

 56.8737, 0.2760,
0.2585

 57.2488, 0.2779,
0.2589

 57.6305, 0.2798,
0.2593

Harmonies

Analogous

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



48.7390, 0.3909, 0.3988



48.7390, 0.3545, 0.4138



48.7390, 0.3085, 0.4025

Triad

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



48.7390, 0.3545, 0.4138



48.7390, 0.2271, 0.2803



48.7390, 0.3588, 0.2948

Complementary

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



48.7390, 0.3545, 0.4138



24.1803, 0.2614, 0.2328

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.



48.7390, 0.3114, 0.2680



48.7390, 0.3545, 0.4138



48.7390, 0.2379, 0.2582

Square

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



48.7390, 0.3545, 0.4138



48.7390, 0.2366, 0.3193



48.7390, 0.2676, 0.2547



48.7390, 0.3947, 0.3301

Rectangle

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



48.7390, 0.3545, 0.4138



48.7390, 0.2788, 0.3802



48.7390, 0.2676, 0.2547



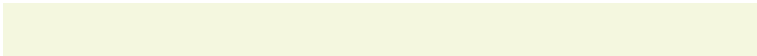
48.7390, 0.3435, 0.2846

Sweetspot

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



48.7412, 0.3545, 0.4138



91.2529, 0.3253, 0.3539



30.0908, 0.3860, 0.3410



19.9787, 0.3271, 0.3574



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.7412, 0.3545, 0.4138



86.2839, 0.3628, 0.4319



45.3251, 0.3270, 0.4219



11.0507, 0.3243, 0.3518



29.7108, 0.3950, 0.5245



1.1827, 0.4012, 0.5196

Inverse Universe

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



24.1803, 0.2614, 0.2328



35.7611, 0.2481, 0.2089



27.2193, 0.2923, 0.2407



9.2880, 0.3005, 0.3054



2.6453, 0.1562, 0.0634



0.1246, 0.1743, 0.0734

Previews

White Background



This preview shows how the Yxy color 48.7390, 0.3545, 0.4138 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 48.7390, 0.3545, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

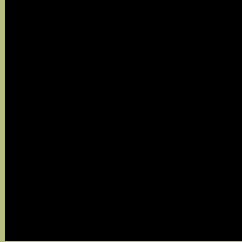
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7390, 0.3545, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 48.7390, 0.3545, 0.4138.



This preview shows how white text looks on a background with the Yxy color 48.7390, 0.3545, 0.4138.

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

48.7390, 0.3545, 0.4138

Protanopia

48.5961, 0.3757, 0.4045

Deuteranopia

48.4281, 0.3939, 0.3848



Tritanopia

48.5635, 0.3086, 0.3103

Trichromacy



Original Color

48.7390, 0.3545, 0.4138

Protanomaly

48.5163, 0.3676, 0.4074

Deuteranomaly

48.3063, 0.3793, 0.3947

Tritanomaly

48.3678, 0.3256, 0.3458

Monochromacy



Original Color

48.7390, 0.3545, 0.4138

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0949, 0.3283, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7390, 0.3545, 0.4138 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, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 127)  
}
```

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, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 127) }
```

Border

The CSS property to change the border of an element to Yxy 48.7390, 0.3545, 0.4138 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, 191, 127) }
```

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

```
.border{ border-color:rgb(182, 191, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7390, 0.3545, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 127) }
```

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

```
.background{ background-color: rgb(182,  
191, 127) }
```

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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