

Converting Colors

$Yxy(45.4047, 0.3587, 0.3688)$

Have a look what the booklet for
Yxy(45.4047, 0.3587, 0.3688)
contains.

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Color

Yxy(45.5254, 0.3582, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	C6B192
RGB	198, 177, 146
RGB Percent	78%, 69%, 57%
CMY	0.2237, 0.3058, 0.4274
CMYK	0.00, 0.11, 0.26, 0.22
HSL	36°, 31%, 67%
HSV	36°, 26%, 78%
XYZ	44.1929, 45.5254, 33.6567
YIQ	179.7450, 22.4670, -5.1890

Conversions

Conversions Part 2

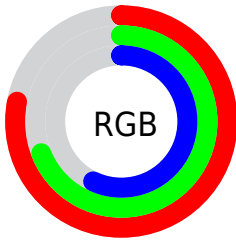
Format	Color
RYB	181, 198, 146
Decimal	13021586
CIELab	73.24, 2.71, 18.63
CIELCh	73, 18.825, 81.711
Yxy	45.5254, 0.3582, 0.3690
Android (android.graphics.Color)	4291211666 (0xFFC6B192)
YUV	179.7450, -16.6363, 16.0096
Hunter-Lab	67.4725, -1.1635, 17.6557

Details

The Yxy color **45.5254, 0.3582, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8110, 0.2707, 0.2854**, and the grayscale version is **45.5793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7080, 0.3497, 0.3623**, and **21.4227, 0.3720, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **41.9015, 0.3789, 0.3848**, and if you desaturate by 10%, it is **49.4446, 0.3393, 0.3533**.

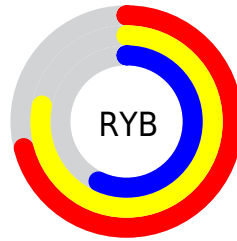
Distribution



Red (78%)

Green (69%)

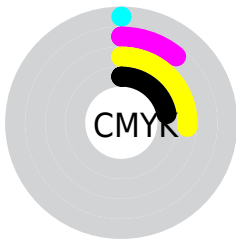
Blue (57%)



Red (71%)

Yellow (78%)

Blue (57%)

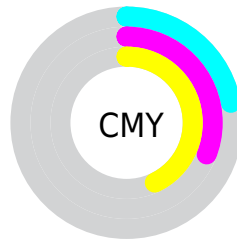


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5254, 0.3582, 0.3690 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 45.5254, 0.3582, 0.3690 by changing the saturation by 10% instead.


 45.5254, 0.3582,
0.3690


 45.5254, 0.3582,
0.3690


368.8973, 0.3354,
0.3492

 31.8715, 0.3639,
0.3739


 83.5083, 0.3499,
0.3618

 21.2633, 0.3712,
0.3801


 108.6060, 0.3468,
0.3591

 13.3166, 0.3808,
0.3882


138.2871, 0.3441,
0.3568

 7.6469, 0.3941,
0.3992

172.9360, 0.3419,
0.3549

 3.8699, 0.4135,
0.4147

212.9371, 0.3399,
0.3532

 1.6010, 0.4613,
0.4553

258.6747, 0.3382,

 0.3583, 0.5317,

0.3517

0.4683

310.5333, 0.3367,
0.3503

0.0000, 0.0000,
0.0000

45.5254, 0.3582,
0.3690

45.5254, 0.3582,
0.3690

41.9015, 0.3789,
0.3848

49.4446, 0.3393,
0.3533

38.5581, 0.4011,
0.4001

53.6611, 0.3224,
0.3381

35.4880, 0.4244,
0.4139

58.1847, 0.3072,
0.3237

32.6814, 0.4478,
0.4251

63.0227, 0.2939,
0.3103

30.1274, 0.4702,
0.4325

68.1823, 0.2820,
0.2979

■ 27.8137, 0.4903,
0.4351

■ 73.0235, 0.2770,
0.2964

■ 25.7258, 0.5072,
0.4324

■ 77.4388, 0.2776,
0.3052

■ 24.9909, 0.5132,
0.4307

■ 82.0584, 0.2783,
0.3139

■ 86.8852, 0.2789,
0.3224

Harmonies

Analogous

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



45.5254, 0.3656, 0.3516



45.5254, 0.3582, 0.3690



45.5254, 0.3385, 0.3762

Triad

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



45.5254, 0.3582, 0.3690



45.5254, 0.2693, 0.3257



45.5254, 0.3112, 0.2924

Complementary

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



45.5254, 0.3582, 0.3690



37.8110, 0.2707, 0.2854

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.



45.5254, 0.2860, 0.2851



45.5254, 0.3582, 0.3690



45.5254, 0.2626, 0.3030

Square

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



45.5254, 0.3582, 0.3690



45.5254, 0.2872, 0.3507



45.5254, 0.2686, 0.2886



45.5254, 0.3378, 0.3084

Rectangle

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



45.5254, 0.3582, 0.3690



45.5254, 0.3214, 0.3735



45.5254, 0.2686, 0.2886



45.5254, 0.3023, 0.2889

Sweetspot

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



45.5275, 0.3582, 0.3690



93.6185, 0.3254, 0.3409



35.3771, 0.3454, 0.3010



19.7899, 0.3279, 0.3432



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



45.5275, 0.3582, 0.3690



77.2347, 0.3688, 0.3773



53.8691, 0.3482, 0.3947



11.6717, 0.3275, 0.3428



16.4299, 0.5116, 0.4320



0.9173, 0.4874, 0.4512

Inverse Universe

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



37.8110, 0.2707, 0.2854



61.4708, 0.2618, 0.2753



31.1538, 0.2715, 0.2555



10.9778, 0.2983, 0.3148



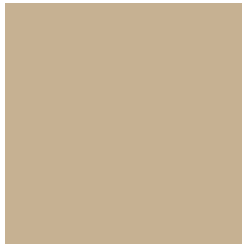
6.5254, 0.1691, 0.1288



0.4504, 0.1808, 0.1710

Previews

White Background



This preview shows how the Yxy color 45.5254, 0.3582, 0.3690 looks on a white background.

Color Contrast Check

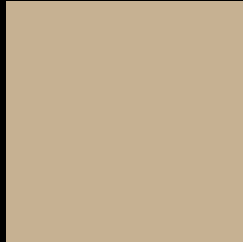
Large Text (above 18pt) WCAG AA × Fail

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 45.5254, 0.3582, 0.3690 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 45.5254, 0.3582, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 45.5254, 0.3582, 0.3690.



This preview shows how white text looks on a background with the Yxy color 45.5254, 0.3582, 0.3690.

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

45.5254, 0.3582, 0.3690

Protanopia

45.6963, 0.3490, 0.3725

Deuteranopia

45.5490, 0.3691, 0.3615



Tritanopia

45.7043, 0.3297, 0.3130

Trichromacy



Original Color

45.5254, 0.3582, 0.3690

Protanomaly

45.6842, 0.3521, 0.3708

Deuteranomaly

45.3578, 0.3649, 0.3632

Tritanomaly

45.6299, 0.3397, 0.3329

Monochromacy



Original Color

45.5254, 0.3582, 0.3690

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6321, 0.3288, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5254, 0.3582, 0.3690 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(198, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 146)  
}
```

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(198, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.5254, 0.3582, 0.3690 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(198, 177, 146) }
```

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

```
.border{ border-color:rgb(198, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5254, 0.3582, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 146) }
```

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

```
.background{ background-color: rgb(198,  
177, 146) }
```

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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