

Converting Colors

$Yxy(45.6116, 0.3497, 0.3702)$

Have a look what the booklet for
Yxy(45.6116, 0.3497, 0.3702)
contains.

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Color

Yxy(45.4547, 0.3494, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	BFB394
RGB	191, 179, 148
RGB Percent	75%, 70%, 58%
CMY	0.2510, 0.2980, 0.4197
CMYK	0.00, 0.06, 0.23, 0.25
HSL	43°, 25%, 66%
HSV	43°, 23%, 75%
XYZ	42.9472, 45.4547, 34.5151
YIQ	179.0540, 17.1030, -7.0970

Conversions

Conversions Part 2

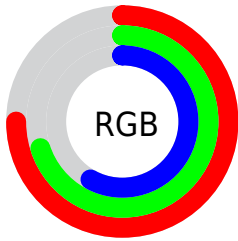
Format	Color
R_{YB}	165, 191, 148
Decimal	12563348
CIE _{Lab}	73.19, -0.76, 17.41
CIE _{LCh}	73, 17.425, 92.504
Yxy	45.4547, 0.3494, 0.3698
Android (android.graphics.Color)	4290753428 (0xFFBFB394)
YUV	179.0540, -15.3096, 10.4766
Hunter-Lab	67.4201, -4.2791, 16.8411

Details

The Yxy color **45.4547, 0.3494, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1787, 0.2764, 0.2846**, and the grayscale version is **45.1852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6374, 0.3430, 0.3627**, and **21.1031, 0.3600, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **42.8102, 0.3677, 0.3886**, and if you desaturate by 10%, it is **48.2853, 0.3323, 0.3513**.

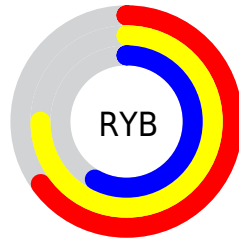
Distribution



Red (75%)

Green (70%)

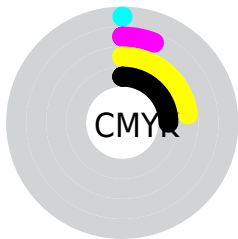
Blue (58%)



Red (65%)

Yellow (75%)

Blue (58%)

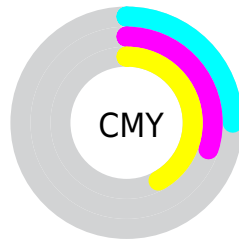


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4547, 0.3494, 0.3698 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 45.4547, 0.3494, 0.3698 by changing the saturation by 10% instead.

 45.4547, 0.3494,
0.3698

 45.4547, 0.3494,
0.3698


368.6120, 0.3310,
0.3493

 31.8157, 0.3540,
0.3749


 83.4023, 0.3427,
0.3624

 21.2208, 0.3598,
0.3815


 108.4798, 0.3402,
0.3596

 13.2855, 0.3675,
0.3901


138.1388, 0.3381,
0.3572

 7.6254, 0.3781,
0.4021

172.7639, 0.3363,
0.3552

 3.8562, 0.3935,
0.4196

212.7393, 0.3347,
0.3534

 1.5935, 0.4306,
0.4614

258.4495, 0.3333,

 0.3532, 0.4731,

0.3519

0.5269

310.2790, 0.3321,
0.3505

0.0000, 0.0000,
0.0000

45.4547, 0.3494,
0.3698

45.4547, 0.3494,
0.3698

42.8102, 0.3677,
0.3886

48.2853, 0.3323,
0.3513

40.3398, 0.3869,
0.4069

51.3014, 0.3165,
0.3334

38.0394, 0.4063,
0.4238

54.5101, 0.3021,
0.3164

35.9021, 0.4253,
0.4385

57.9163, 0.2892,
0.3006

33.9207, 0.4430,
0.4497

61.5247, 0.2775,
0.2860

■ 32.0865, 0.4585,
0.4567

■ 64.8429, 0.2713,
0.2801

■ 30.3896, 0.4711,
0.4588

■ 67.5278, 0.2719,
0.2862

■ 29.1971, 0.4790,
0.4579

■ 70.3010, 0.2724,
0.2922

■ 73.1632, 0.2730,
0.2982

Harmonies

Analogous

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



45.4547, 0.3607, 0.3567



45.4547, 0.3494, 0.3698



45.4547, 0.3284, 0.3720

Triad

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



45.4547, 0.3494, 0.3698



45.4547, 0.2688, 0.3179



45.4547, 0.3204, 0.2995

Complementary

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



45.4547, 0.3494, 0.3698



35.1787, 0.2764, 0.2846

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.



45.4547, 0.2958, 0.2896



45.4547, 0.3494, 0.3698



45.4547, 0.2668, 0.2991

Square

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



45.4547, 0.3494, 0.3698



45.4547, 0.2821, 0.3410



45.4547, 0.2765, 0.2892



45.4547, 0.3437, 0.3166

Rectangle

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



45.4547, 0.3494, 0.3698



45.4547, 0.3119, 0.3663



45.4547, 0.2765, 0.2892



45.4547, 0.3120, 0.2953

Sweetspot

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



45.4567, 0.3494, 0.3698



89.3726, 0.3235, 0.3415



34.7898, 0.3455, 0.3127



19.5530, 0.3245, 0.3426



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.



45.4567, 0.3494, 0.3698



79.0590, 0.3583, 0.3790



49.2985, 0.3381, 0.3860



10.6591, 0.3271, 0.3455



19.3316, 0.4780, 0.4587



0.8620, 0.4610, 0.4722

Inverse Universe

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



35.1787, 0.2764, 0.2846



57.4294, 0.2678, 0.2734



32.1299, 0.2834, 0.2683



9.6463, 0.2984, 0.3120



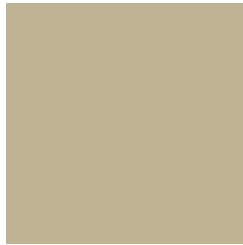
4.2750, 0.1602, 0.0967



0.2818, 0.1741, 0.1466

Previews

White Background



This preview shows how the Yxy color 45.4547, 0.3494, 0.3698 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 45.4547, 0.3494, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

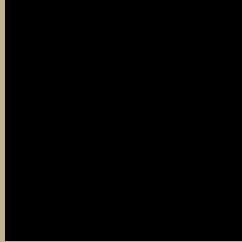
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4547, 0.3494, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 45.4547, 0.3494, 0.3698.



This preview shows how white text looks on a background with the Yxy color 45.4547, 0.3494, 0.3698.

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

45.4547, 0.3494, 0.3698

Protanopia

45.3255, 0.3485, 0.3699

Deuteranopia

45.4670, 0.3663, 0.3591



Tritanopia

45.5957, 0.3214, 0.3127

Trichromacy



Original Color

45.4547, 0.3494, 0.3698

Protanomaly

45.3255, 0.3485, 0.3699

Deuteranomaly

45.3864, 0.3600, 0.3622

Tritanomaly

45.5371, 0.3313, 0.3329

Monochromacy



Original Color

45.4547, 0.3494, 0.3698

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1346, 0.3252, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4547, 0.3494, 0.3698 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(191, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 148)  
}
```

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(191, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 148) }
```

Border

The CSS property to change the border of an element to Yxy 45.4547, 0.3494, 0.3698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

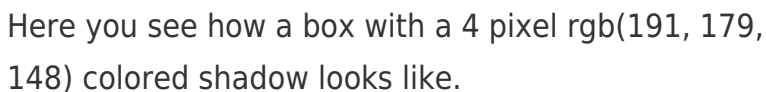
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 179, 148) }
```

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

```
.border{ border-color:rgb(191, 179, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 179, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 179, 148); box-shadow:4px 4px 4px 4px rgb(191, 179, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4547, 0.3494, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 148) }
```

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

```
.background{ background-color: rgb(191,  
179, 148) }
```

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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