

Converting Colors

$Yxy(45.6641, 0.3499, 0.3738)$

Have a look what the booklet for
Yxy(45.6641, 0.3499, 0.3738)
contains.

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Color

Yxy(45.6650, 0.3499, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	BEB492
RGB	190, 180, 146
RGB Percent	75%, 71%, 57%
CMY	0.2549, 0.2941, 0.4275
CMYK	0.00, 0.05, 0.23, 0.25
HSL	46°, 25%, 66%
HSV	46°, 23%, 75%
XYZ	42.7453, 45.6650, 33.7540
YIQ	179.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

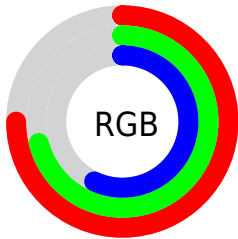
Format	Color
R_{YB}	159, 190, 146
Decimal	12498066
CIE _{Lab}	73.33, -1.96, 18.65
CIE _{LCh}	73, 18.757, 95.984
Yxy	45.6650, 0.3499, 0.3738
Android (android.graphics.Color)	4290688146 (0xFFBEB492)
YUV	179.1140, -16.3252, 9.5470
Hunter-Lab	67.5759, -5.3472, 17.6879

Details

The Yxy color **45.6650, 0.3499, 0.3738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6051, 0.2751, 0.2798**, and the grayscale version is **45.2263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9352, 0.3434, 0.3659**, and **21.2392, 0.3606, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **43.4076, 0.3676, 0.3937**, and if you desaturate by 10%, it is **48.0791, 0.3331, 0.3540**.

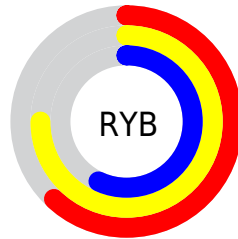
Distribution



Red (75%)

Green (71%)

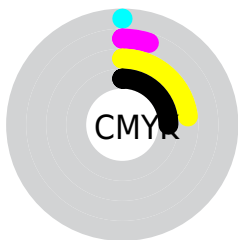
Blue (57%)



Red (62%)

Yellow (75%)

Blue (57%)

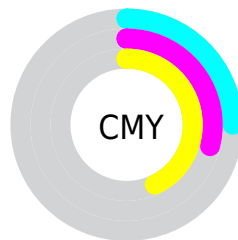


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6650, 0.3499, 0.3738 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 45.6650, 0.3499, 0.3738 by changing the saturation by 10% instead.

 45.6650, 0.3499,
0.3738

 45.6650, 0.3499,
0.3738

369.4602, 0.3314,
0.3513

 31.9815, 0.3545,
0.3794


 83.7174, 0.3432,
0.3656

 21.3474, 0.3603,
0.3866


 108.8552, 0.3407,
0.3625

 13.3782, 0.3680,
0.3962


138.5798, 0.3385,
0.3599

 7.6895, 0.3785,
0.4094

173.2757, 0.3367,
0.3577

 3.8969, 0.3935,
0.4287

213.3274, 0.3351,
0.3558

 1.6161, 0.4331,
0.4775

259.1190, 0.3337,

 0.3684, 0.4508,

0.3541

0.5492

311.0352, 0.3325,
0.3526

0.0000, 0.0000,
0.0000

45.6650, 0.3499,
0.3738

45.6650, 0.3499,
0.3738

43.4076, 0.3676,
0.3937

48.0791, 0.3331,
0.3540

41.2955, 0.3858,
0.4130

50.6487, 0.3174,
0.3349

39.3248, 0.4038,
0.4308

53.3805, 0.3030,
0.3167

37.4894, 0.4211,
0.4461

56.2792, 0.2899,
0.2996

35.7821, 0.4367,
0.4578

59.3489, 0.2780,
0.2838

■ 34.1952, 0.4500,
0.4653

■ 62.2674, 0.2702,
0.2743

■ 32.7190, 0.4604,
0.4681

■ 64.3739, 0.2707,
0.2793

■ 31.7611, 0.4663,
0.4680

■ 66.5379, 0.2711,
0.2842

■ 68.7600, 0.2716,
0.2891

Harmonies

Analogous

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



45.6650, 0.3636, 0.3607



45.6650, 0.3499, 0.3738



45.6650, 0.3264, 0.3747

Triad

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



45.6650, 0.3499, 0.3738



45.6650, 0.2647, 0.3143



45.6650, 0.3241, 0.2992

Complementary

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



45.6650, 0.3499, 0.3738



33.6051, 0.2751, 0.2798

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.



45.6650, 0.2974, 0.2875



45.6650, 0.3499, 0.3738



45.6650, 0.2641, 0.2951

Square

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



45.6650, 0.3499, 0.3738



45.6650, 0.2776, 0.3390



45.6650, 0.2758, 0.2858



45.6650, 0.3485, 0.3181

Rectangle

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



45.6650, 0.3499, 0.3738



45.6650, 0.3087, 0.3675



45.6650, 0.2758, 0.2858



45.6650, 0.3151, 0.2944

Sweetspot

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



45.6671, 0.3499, 0.3738



89.9031, 0.3235, 0.3423



33.9142, 0.3489, 0.3152



19.6792, 0.3244, 0.3435



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.



45.6671, 0.3499, 0.3738



80.5505, 0.3592, 0.3844



48.4009, 0.3369, 0.3880



10.7428, 0.3270, 0.3466



21.2406, 0.4655, 0.4686



0.9239, 0.4524, 0.4790

Inverse Universe

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



33.6051, 0.2751, 0.2798



54.7212, 0.2655, 0.2667



31.5171, 0.2845, 0.2667



9.5677, 0.2984, 0.3107



3.7295, 0.1573, 0.0861



0.2478, 0.1702, 0.1328

Previews

White Background



This preview shows how the Yxy color 45.6650, 0.3499, 0.3738 looks on a white background.

Color Contrast Check

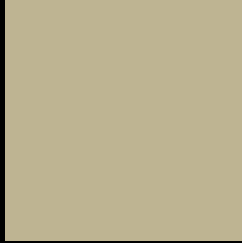
Large Text (above 18pt) WCAG AA × Fail

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 45.6650, 0.3499, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

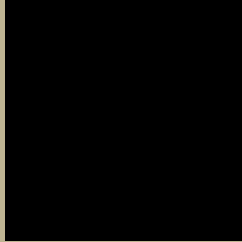
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

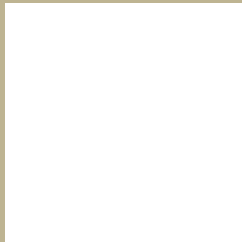
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6650, 0.3499, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 45.6650, 0.3499, 0.3738.



This preview shows how white text looks on a background with the Yxy color 45.6650, 0.3499, 0.3738.

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

45.6650, 0.3499, 0.3738

Protanopia

45.7942, 0.3508, 0.3737

Deuteranopia

45.5490, 0.3691, 0.3615



Tritanopia

45.5050, 0.3197, 0.3114

Trichromacy



Original Color

45.6650, 0.3499, 0.3738

Protanomaly

45.7942, 0.3508, 0.3737

Deuteranomaly

45.7138, 0.3615, 0.3660

Tritanomaly

45.4053, 0.3304, 0.3329

Monochromacy



Original Color

45.6650, 0.3499, 0.3738

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0975, 0.3260, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6650, 0.3499, 0.3738 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(190, 180, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 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(190, 180, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.6650, 0.3499, 0.3738 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(190, 180, 146) }
```

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

```
.border{ border-color:rgb(190, 180, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6650, 0.3499, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 146) }
```

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

```
.background{ background-color: rgb(190,  
180, 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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