

Converting Colors

$Yxy(45.5945, 0.3462, 0.3496)$

Have a look what the booklet for
Yxy(45.5945, 0.3462, 0.3496)
contains.

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Color

Yxy(45.5945, 0.3462, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	C6B0A0
RGB	198, 176, 160
RGB Percent	78%, 69%, 63%
CMY	0.2237, 0.3097, 0.3726
CMYK	0.00, 0.11, 0.19, 0.22
HSL	25°, 25%, 70%
HSV	25°, 19%, 78%
XYZ	45.1511, 45.5945, 39.6735
YIQ	180.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

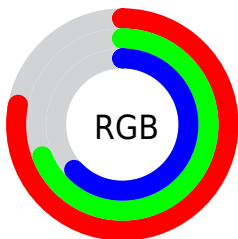
Format	Color
R_{YB}	198, 188, 160
Decimal	13021344
CIE _{Lab}	73.28, 5.30, 11.09
CIE _{LCh}	73, 12.286, 64.451
Yxy	45.5945, 0.3462, 0.3496
Android (android.graphics.Color)	4291211424 (0xFFC6B0A0)
YUV	180.7540, -10.2317, 15.1247
Hunter-Lab	67.5237, 1.1911, 12.4308

Details

The Yxy color **45.5945, 0.3462, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9771, 0.2830, 0.3075**, and the grayscale version is **46.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8795, 0.3398, 0.3461**, and **21.4487, 0.3555, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **40.6585, 0.3677, 0.3610**, and if you desaturate by 10%, it is **51.0230, 0.3276, 0.3386**.

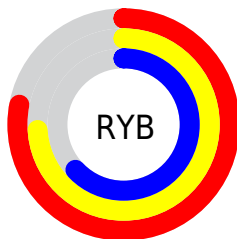
Distribution



Red (78%)

Green (69%)

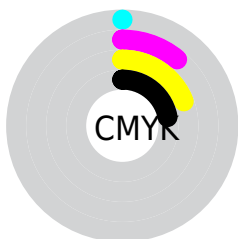
Blue (63%)



Red (78%)

Yellow (74%)

Blue (63%)

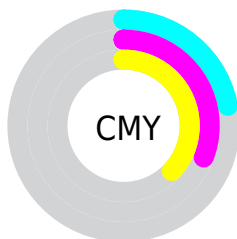


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5945, 0.3462, 0.3496 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 45.5945, 0.3462, 0.3496 by changing the saturation by 10% instead.


 45.5945, 0.3462,
0.3496


 45.5945, 0.3462,
0.3496


369.1760, 0.3293,
0.3394

 31.9260, 0.3505,
0.3521


 83.6118, 0.3400,
0.3459

 21.3049, 0.3559,
0.3552


 108.7294, 0.3377,
0.3446

 13.3471, 0.3633,
0.3594


138.4320, 0.3358,
0.3434

 7.6680, 0.3736,
0.3651

173.1042, 0.3341,
0.3424

 3.8832, 0.3891,
0.3732

213.1303, 0.3327,
0.3415

 1.6085, 0.4154,
0.3863

258.8947, 0.3314,

 0.3633, 0.5664,

0.3407

0.4336

310.7818, 0.3303,
0.3400

0.0000, 0.0000,
0.0000

45.5945, 0.3462,
0.3496

45.5945, 0.3462,
0.3496

40.6585, 0.3677,
0.3610

51.0230, 0.3276,
0.3386

36.1944, 0.3921,
0.3725

56.9518, 0.3115,
0.3282

32.1890, 0.4195,
0.3832

63.3960, 0.2977,
0.3185

28.6261, 0.4493,
0.3924

70.3685, 0.2858,
0.3096

25.4883, 0.4804,
0.3989

77.6228, 0.2776,
0.3056

■ 22.7568, 0.5109,
0.4012

■ 84.3196, 0.2786,
0.3180

■ 20.4109, 0.5387,
0.3985

■ 90.7407, 0.2794,
0.3289

■ 18.4226, 0.5623,
0.3909

■ 18.2736, 0.5641,
0.3903

Harmonies

Analogous

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



45.5945, 0.3453, 0.3361



45.5945, 0.3462, 0.3496



45.5945, 0.3378, 0.3581

Triad

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



45.5945, 0.3462, 0.3496



45.5945, 0.2903, 0.3365



45.5945, 0.3020, 0.3011

Complementary

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



45.5945, 0.3462, 0.3496



44.9771, 0.2830, 0.3075

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.



45.5945, 0.2878, 0.3005



45.5945, 0.3462, 0.3496



45.5945, 0.2812, 0.3205

Square

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



45.5945, 0.3462, 0.3496



45.5945, 0.3054, 0.3508



45.5945, 0.2803, 0.3074



45.5945, 0.3194, 0.3086

Rectangle

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



45.5945, 0.3462, 0.3496



45.5945, 0.3283, 0.3595



45.5945, 0.2803, 0.3074



45.5945, 0.2967, 0.3001

Sweetspot

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



45.5965, 0.3462, 0.3496



93.5413, 0.3223, 0.3353



40.5222, 0.3291, 0.3010



19.8755, 0.3234, 0.3360



0.0000, 0.0000, 0.0000



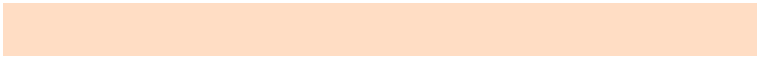
21.4041, 0.3127, 0.3290

Same Dimension

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



45.5965, 0.3462, 0.3496



77.0308, 0.3548, 0.3543



53.4785, 0.3420, 0.3725



11.3605, 0.3279, 0.3388



12.0502, 0.5618, 0.3921



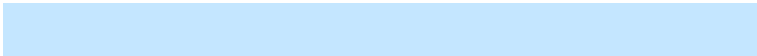
0.7133, 0.5250, 0.4213

Inverse Universe

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



44.9771, 0.2830, 0.3075



75.7319, 0.2764, 0.3022



37.7974, 0.2815, 0.2814



11.2883, 0.2983, 0.3190



10.7125, 0.1850, 0.1859



0.6484, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 45.5945, 0.3462, 0.3496 looks on a white background.

Color Contrast Check

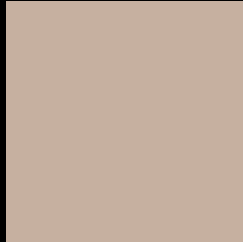
Large Text (above 18pt) WCAG AA × Fail

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 45.5945, 0.3462, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

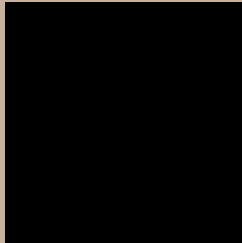
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5945, 0.3462, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 45.5945, 0.3462, 0.3496.



This preview shows how white text looks on a background with the Yxy color 45.5945, 0.3462, 0.3496.

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

45.5945, 0.3462, 0.3496

Protanopia

45.5402, 0.3347, 0.3514

Deuteranopia

45.7893, 0.3532, 0.3467



Tritanopia

45.4677, 0.3270, 0.3117

Trichromacy



Original Color

45.5945, 0.3462, 0.3496

Protanomaly

45.6205, 0.3394, 0.3512

Deuteranomaly

45.7546, 0.3502, 0.3481

Tritanomaly

45.3408, 0.3337, 0.3240

Monochromacy



Original Color

45.5945, 0.3462, 0.3496

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8221, 0.3246, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5945, 0.3462, 0.3496 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, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 160)  
}
```

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, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 160) }
```

Border

The CSS property to change the border of an element to Yxy 45.5945, 0.3462, 0.3496 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, 176, 160) }
```

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

```
.border{ border-color:rgb(198, 176, 160) }
```

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

Here you see how a box with a 4 pixel rgb(198, 176, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5945, 0.3462, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 160) }
```

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

```
.background{ background-color: rgb(198,  
176, 160) }
```

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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