

Converting Colors

$Yxy(46.3316, 0.3221, 0.3165)$

Have a look what the booklet for
Yxy(46.3316, 0.3221, 0.3165)
contains.

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Color

Yxy(46.3316, 0.3221, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	C4B0BA
RGB	196, 176, 186
RGB Percent	77%, 69%, 73%
CMY	0.2314, 0.3098, 0.2706
CMYK	0.00, 0.10, 0.05, 0.23
HSL	330°, 14%, 73%
HSV	330°, 10%, 77%
XYZ	47.1514, 46.3316, 52.9044
YIQ	183.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

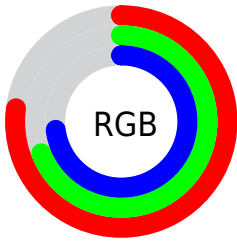
Format	Color
RYB	196, 176, 186
Decimal	12890298
CIELab	73.76, 8.91, -2.47
CIELCh	74, 9.251, 344.496
Yxy	46.3316, 0.3221, 0.3165
Android (android.graphics.Color)	4291080378 (0xFFC4B0BA)
YUV	183.1200, 1.4198, 11.2958
Hunter-Lab	68.0673, 4.5321, 1.5648

Details

The Yxy color **46.3316, 0.3221, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2557, 0.3043, 0.3418**, and the grayscale version is **47.4121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0067, 0.3206, 0.3192**, and **21.6102, 0.3245, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **38.7908, 0.3332, 0.3036**, and if you desaturate by 10%, it is **55.0148, 0.3129, 0.3288**.

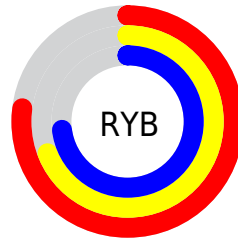
Distribution



Red (77%)

Green (69%)

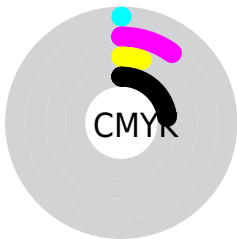
Blue (73%)



Red (77%)

Yellow (69%)

Blue (73%)

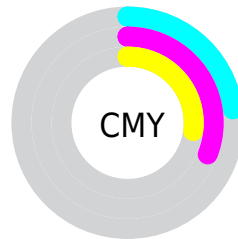


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3316, 0.3221, 0.3165 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 46.3316, 0.3221, 0.3165 by changing the saturation by 10% instead.

 46.3316, 0.3221,
0.3165

 46.3316, 0.3221,
0.3165

372.1402, 0.3174,
0.3227

 32.5076, 0.3233,
0.3150


 84.7150, 0.3204,
0.3187

 21.7495, 0.3247,
0.3130


110.0433, 0.3198,
0.3196

 13.6729, 0.3267,
0.3104


139.9750, 0.3192,
0.3203

 7.8935, 0.3295,
0.3068

174.8946, 0.3188,
0.3209

 4.0269, 0.3336,
0.3014

215.1866, 0.3184,
0.3215

 1.6886, 0.3403,
0.2927

261.2352, 0.3180,

 0.4163, 0.3704,

0.3219

0.2514

313.4250, 0.3177,
0.3223

0.0000, 0.0000,
0.0000

46.3316, 0.3221,
0.3165

46.3316, 0.3221,
0.3165

38.7908, 0.3332,
0.3036

55.0148, 0.3129,
0.3288

32.3385, 0.3465,
0.2903

64.8794, 0.3053,
0.3402

26.9253, 0.3623,
0.2771

75.9700, 0.2990,
0.3508

22.4957, 0.3806,
0.2648

88.3270, 0.2938,
0.3606

18.9891, 0.4016,
0.2542

89.2571, 0.2886,
0.3503

■ 16.3378, 0.4246,
0.2466

■ 89.8404, 0.2835,
0.3397

■ 14.4650, 0.4491,
0.2432

■ 90.4555, 0.2785,
0.3292

■ 13.2798, 0.4737,
0.2450

■ 90.4754, 0.2784,
0.3289

■ 12.6145, 0.4971,
0.2512

Harmonies

Analogous

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



46.3316, 0.3090, 0.3093



46.3316, 0.3221, 0.3165



46.3316, 0.3328, 0.3269

Triad

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



46.3316, 0.3221, 0.3165



46.3316, 0.3282, 0.3516



46.3316, 0.2880, 0.3191

Complementary

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



46.3316, 0.3221, 0.3165



52.2557, 0.3043, 0.3418

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.



46.3316, 0.2929, 0.3306



46.3316, 0.3221, 0.3165



46.3316, 0.3160, 0.3498

Square

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



46.3316, 0.3221, 0.3165



46.3316, 0.3364, 0.3472



46.3316, 0.3031, 0.3420



46.3316, 0.2895, 0.3105

Rectangle

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



46.3316, 0.3221, 0.3165



46.3316, 0.3371, 0.3345



46.3316, 0.3031, 0.3420



46.3316, 0.2890, 0.3227

Sweetspot

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



46.3336, 0.3221, 0.3165



94.9715, 0.3153, 0.3254



45.4784, 0.3053, 0.3036



20.0473, 0.3161, 0.3244



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.



46.3336, 0.3221, 0.3165



81.0587, 0.3241, 0.3140



45.9239, 0.3305, 0.3291



10.1599, 0.3213, 0.3176



8.1229, 0.4940, 0.2495



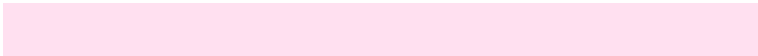
0.3649, 0.4453, 0.2227

Inverse Universe

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



46.3336, 0.3221, 0.3165



81.0587, 0.3241, 0.3140



52.6952, 0.2972, 0.3290



10.1599, 0.3213, 0.3176



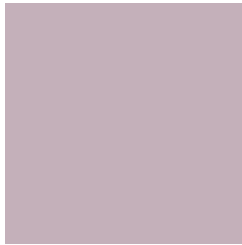
8.1229, 0.4940, 0.2495



0.3649, 0.4453, 0.2227

Previews

White Background



This preview shows how the Yxy color 46.3316, 0.3221, 0.3165 looks on a white background.

Color Contrast Check

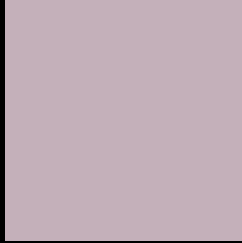
Large Text (above 18pt) WCAG AA × Fail

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 46.3316, 0.3221, 0.3165 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 46.3316, 0.3221, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 46.3316, 0.3221, 0.3165.



This preview shows how white text looks on a background with the Yxy color 46.3316, 0.3221, 0.3165.

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

46.3316, 0.3221, 0.3165

Protanopia

46.2617, 0.3073, 0.3174

Deuteranopia

46.4662, 0.3230, 0.3165



Tritanopia

46.0698, 0.3197, 0.3115

Trichromacy



Original Color

46.3316, 0.3221, 0.3165

Protanomaly

46.4358, 0.3124, 0.3175

Deuteranomaly

46.4662, 0.3230, 0.3165

Tritanomaly

46.0265, 0.3205, 0.3127

Monochromacy



Original Color

46.3316, 0.3221, 0.3165

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7946, 0.3164, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3316, 0.3221, 0.3165 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(196, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 186)  
}
```

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(196, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.3316, 0.3221, 0.3165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

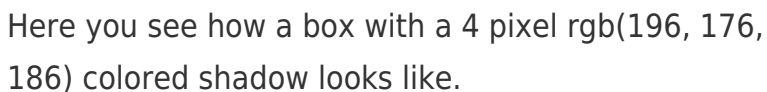
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 176, 186) }
```

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

```
.border{ border-color:rgb(196, 176, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 176, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 176, 186); box-shadow:4px 4px 4px 4px rgb(196, 176, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3316, 0.3221, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 186) }
```

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

```
.background{ background-color: rgb(196,  
176, 186) }
```

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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