

Converting Colors

$Yxy(46.7039, 0.3247, 0.3196)$

Have a look what the booklet for
Yxy(46.7039, 0.3247, 0.3196)
contains.

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Color

Yxy(46.7753, 0.3245, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	C5B1B8
RGB	197, 177, 184
RGB Percent	77%, 69%, 72%
CMY	0.2277, 0.3058, 0.2785
CMYK	0.00, 0.10, 0.07, 0.23
HSL	339°, 15%, 73%
HSV	339°, 10%, 77%
XYZ	47.3887, 46.7753, 51.8720
YIQ	183.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

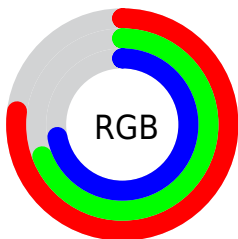
Format	Color
R _Y B	197, 177, 184
Decimal	12956088
CIE Lab	74.05, 8.35, -0.95
CIE LCh	74, 8.400, 353.500
Yxy	46.7753, 0.3245, 0.3203
Android (android.graphics.Color)	4291146168 (0xFFC5B1B8)
YUV	183.7780, 0.1094, 11.5957
Hunter-Lab	68.3925, 3.9945, 2.9065

Details

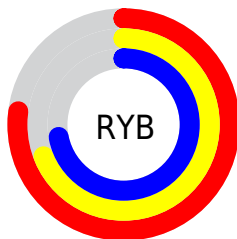
The Yxy color $46.7753, 0.3245, 0.3203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.9760, 0.3022, 0.3379$, and the grayscale version is $47.7971, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6399, 0.3225, 0.3222$, and $21.8936, 0.3279, 0.3172$ is the 20% darker color. If you saturate the color by 10%, you get $39.0360, 0.3387, 0.3112$, and if you desaturate by 10%, it is $55.6903, 0.3128, 0.3289$.

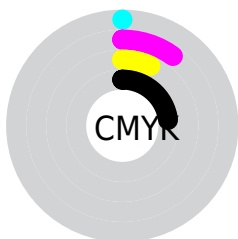
Distribution



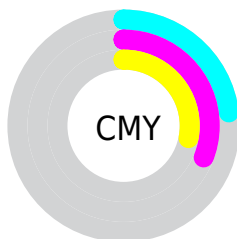
- Red (77%)
- Green (69%)
- Blue (72%)



- Red (77%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (23%)




- Cyan (23%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7753, 0.3245, 0.3203 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 46.7753, 0.3245, 0.3203 by changing the saturation by 10% instead.


 46.7753, 0.3245,
0.3203

 46.7753, 0.3245,
0.3203


373.9169, 0.3186,
0.3246

 32.8581, 0.3260,
0.3192


 85.3781, 0.3224,
0.3219

 22.0177, 0.3278,
0.3178


110.8325, 0.3216,
0.3225

 13.8699, 0.3304,
0.3160


140.9013, 0.3209,
0.3230

 8.0303, 0.3339,
0.3134

175.9691, 0.3203,
0.3234

 4.1143, 0.3391,
0.3096

216.4201, 0.3198,
0.3238

 1.7377, 0.3478,
0.3034

262.6389, 0.3194,

 0.4479, 0.3858,

0.3241

0.2745

315.0096, 0.3190,
0.3244

0.0000, 0.0000,
0.0000

46.7753, 0.3245,
0.3203

46.7753, 0.3245,
0.3203

39.0360, 0.3387,
0.3112

55.6903, 0.3128,
0.3289

32.4170, 0.3561,
0.3018

65.8209, 0.3033,
0.3369

26.8677, 0.3770,
0.2924

77.2131, 0.2955,
0.3442

22.3312, 0.4018,
0.2838

89.3947, 0.2890,
0.3501

18.7453, 0.4305,
0.2767

90.1629, 0.2824,
0.3363

■ 16.0407, 0.4625,
0.2724

■ 90.6034, 0.2789,
0.3289

■ 14.1389, 0.4962,
0.2721

■ 12.9468, 0.5292,
0.2767

■ 12.2912, 0.5590,
0.2853

Harmonies

Analogous

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



46.7753, 0.3130, 0.3127



46.7753, 0.3245, 0.3203



46.7753, 0.3330, 0.3302

Triad

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



46.7753, 0.3245, 0.3203



46.7753, 0.3237, 0.3496



46.7753, 0.2901, 0.3173

Complementary

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



46.7753, 0.3245, 0.3203



52.9760, 0.3022, 0.3379

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.



46.7753, 0.2929, 0.3272



46.7753, 0.3245, 0.3203



46.7753, 0.3121, 0.3462

Square

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



46.7753, 0.3245, 0.3203



46.7753, 0.3325, 0.3472



46.7753, 0.3009, 0.3379



46.7753, 0.2932, 0.3108

Rectangle

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



46.7753, 0.3245, 0.3203



46.7753, 0.3356, 0.3370



46.7753, 0.3009, 0.3379



46.7753, 0.2904, 0.3204

Sweetspot

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



46.7774, 0.3245, 0.3203



94.8995, 0.3160, 0.3264



46.4265, 0.3079, 0.3040



20.0279, 0.3169, 0.3258



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.



46.7774, 0.3245, 0.3203



80.7904, 0.3272, 0.3185



47.6862, 0.3299, 0.3328



10.6972, 0.3236, 0.3210



8.1036, 0.5555, 0.2834



0.3974, 0.4969, 0.2511

Inverse Universe

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



46.7774, 0.3245, 0.3203



80.7904, 0.3272, 0.3185



51.9444, 0.2973, 0.3252



10.6972, 0.3236, 0.3210



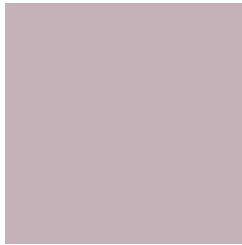
8.1036, 0.5555, 0.2834



0.3974, 0.4969, 0.2511

Previews

White Background



This preview shows how the Yxy color 46.7753, 0.3245, 0.3203 looks on a white background.

Color Contrast Check

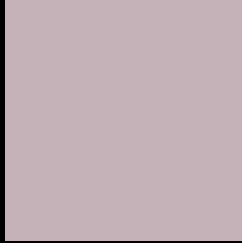
Large Text (above 18pt) WCAG AA × Fail

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 46.7753, 0.3245, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

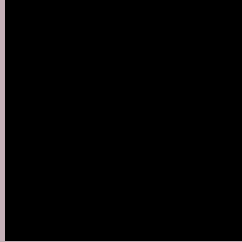
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7753, 0.3245, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 46.7753, 0.3245, 0.3203.



This preview shows how white text looks on a background with the Yxy color 46.7753, 0.3245, 0.3203.

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

46.7753, 0.3245, 0.3203

Protanopia

46.7833, 0.3113, 0.3226

Deuteranopia

46.6535, 0.3264, 0.3191



Tritanopia

46.7741, 0.3205, 0.3116

Trichromacy



Original Color

46.7753, 0.3245, 0.3203

Protanomaly

46.9641, 0.3165, 0.3226

Deuteranomaly

46.5171, 0.3255, 0.3190

Tritanomaly

46.6873, 0.3222, 0.3141

Monochromacy



Original Color

46.7753, 0.3245, 0.3203

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3273, 0.3172, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7753, 0.3245, 0.3203 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(197, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 177, 184)  
}
```

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(197, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 177, 184) }
```

Border

The CSS property to change the border of an element to Yxy 46.7753, 0.3245, 0.3203 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(197, 177, 184) }
```

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

```
.border{ border-color:rgb(197, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 177,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7753, 0.3245, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 177, 184) }
```

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

```
.background{ background-color: rgb(197,  
177, 184) }
```

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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