

Converting Colors

$Yxy(44.7665, 0.3402, 0.3188)$

Have a look what the booklet for
Yxy(44.7665, 0.3402, 0.3188)
contains.

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Color

Yxy(44.8157, 0.3409, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	CFA9B1
RGB	207, 169, 177
RGB Percent	81%, 66%, 69%
CMY	0.1881, 0.3373, 0.3059
CMYK	0.00, 0.18, 0.15, 0.19
HSL	347°, 28%, 74%
HSV	347°, 18%, 81%
XYZ	47.8624, 44.8157, 47.7220
YIQ	181.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

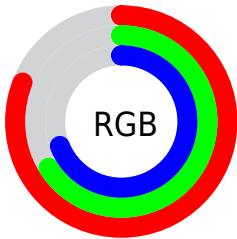
Format	Color
R _Y B	207, 169, 177
Decimal	13609393
CIE _{Lab}	72.77, 15.16, 1.13
CIE _{LCh}	73, 15.203, 4.270
Y _{xy}	44.8157, 0.3409, 0.3192
Android (android.graphics.Color)	4291799473 (0xFFCFA9B1)
YUV	181.2740, -2.1071, 22.5617
Hunter-Lab	66.9445, 10.4667, 4.5958

Details

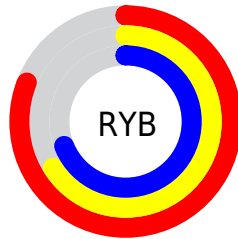
The Yxy color $44.8157, 0.3409, 0.3192$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $57.2003, 0.2904, 0.3391$, and the grayscale version is $46.3703, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4545, 0.3287, 0.3201$, and $20.8786, 0.3481, 0.3158$ is the 20% darker color. If you saturate the color by 10%, you get $37.1019, 0.3615, 0.3135$, and if you desaturate by 10%, it is $53.8312, 0.3242, 0.3247$.

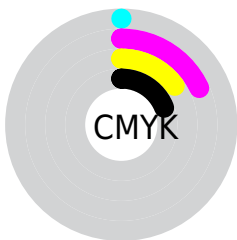
Distribution



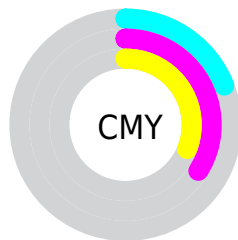
- Red (81%)
- Green (66%)
- Blue (69%)



- Red (81%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8157, 0.3409, 0.3192 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 44.8157, 0.3409, 0.3192 by changing the saturation by 10% instead.


 44.8157, 0.3409,
0.3192

 44.8157, 0.3409,
0.3192

366.0266, 0.3267,
0.3242

 31.3123, 0.3445,
0.3179


 82.4438, 0.3357,
0.3210

 20.8368, 0.3491,
0.3163


 107.3372, 0.3338,
0.3217

 13.0047, 0.3554,
0.3140


136.7962, 0.3321,
0.3223

 7.4318, 0.3641,
0.3109

171.2049, 0.3307,
0.3228

 3.7336, 0.3774,
0.3060

210.9480, 0.3295,
0.3232

 1.5257, 0.3999,
0.2977

256.4097, 0.3284,

 0.3067, 0.5409,

0.3236

0.2508

307.9744, 0.3275,
0.3239

0.0000, 0.0000,
0.0000

44.8157, 0.3409,
0.3192

44.8157, 0.3409,
0.3192

37.1019, 0.3615,
0.3135

53.8312, 0.3242,
0.3247

30.6238, 0.3866,
0.3078

64.1985, 0.3107,
0.3298

25.3187, 0.4169,
0.3026

75.9724, 0.2998,
0.3345

21.1158, 0.4524,
0.2986

89.2028, 0.2909,
0.3388

17.9368, 0.4918,
0.2967

92.0101, 0.2844,
0.3289

■ 15.6931, 0.5328,
0.2978

■ 14.2805, 0.5709,
0.3025

■ 13.5423, 0.6019,
0.3102

■ 13.4488, 0.6063,
0.3114

Harmonies

Analogous

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



44.8157, 0.3208, 0.3038



44.8157, 0.3409, 0.3192



44.8157, 0.3534, 0.3375

Triad

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



44.8157, 0.3409, 0.3192



44.8157, 0.3253, 0.3663



44.8157, 0.2725, 0.3021

Complementary

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



44.8157, 0.3409, 0.3192



57.2003, 0.2904, 0.3391

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.



44.8157, 0.2737, 0.3183



44.8157, 0.3409, 0.3192



44.8157, 0.3036, 0.3564

Square

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



44.8157, 0.3409, 0.3192



44.8157, 0.3440, 0.3652



44.8157, 0.2849, 0.3384



44.8157, 0.2817, 0.2937

Rectangle

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



44.8157, 0.3409, 0.3192



44.8157, 0.3555, 0.3491



44.8157, 0.2849, 0.3384



44.8157, 0.2717, 0.3068

Sweetspot

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



44.8177, 0.3409, 0.3192



89.8699, 0.3208, 0.3259



44.9934, 0.3077, 0.2828



19.0103, 0.3218, 0.3256



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.



44.8177, 0.3409, 0.3192



66.7494, 0.3484, 0.3170



48.6844, 0.3458, 0.3424



11.8484, 0.3258, 0.3241



8.4817, 0.6031, 0.3096



0.4861, 0.5512, 0.2810

Inverse Universe

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



44.8177, 0.3409, 0.3192



66.7494, 0.3484, 0.3170



52.5356, 0.2846, 0.3152



11.8484, 0.3258, 0.3241



8.4817, 0.6031, 0.3096



0.4861, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 44.8157, 0.3409, 0.3192 looks on a white background.

Color Contrast Check

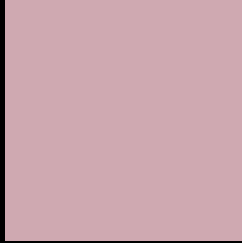
Large Text (above 18pt) WCAG AA × Fail

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 44.8157, 0.3409, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

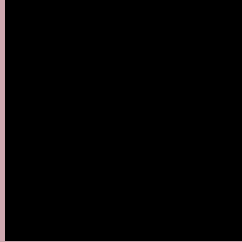
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8157, 0.3409, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 44.8157, 0.3409, 0.3192.



This preview shows how white text looks on a background with the Yxy color 44.8157, 0.3409, 0.3192.

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

44.8157, 0.3409, 0.3192

Protanopia

45.0419, 0.3121, 0.3238

Deuteranopia

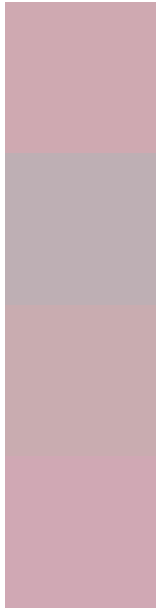
44.8920, 0.3319, 0.3253



Tritanopia

44.7514, 0.3384, 0.3131

Trichromacy



Original Color

44.8157, 0.3409, 0.3192

Protanomaly

44.9024, 0.3219, 0.3226

Deuteranomaly

45.0571, 0.3357, 0.3240

Tritanomaly

44.7104, 0.3393, 0.3144

Monochromacy



Original Color

44.8157, 0.3409, 0.3192

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6867, 0.3217, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8157, 0.3409, 0.3192 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(207, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 177)  
}
```

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(207, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.8157, 0.3409, 0.3192 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(207, 169, 177) }
```

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

```
.border{ border-color:rgb(207, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 169, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 169, 177); box-shadow:4px 4px 4px 4px rgb(207, 169, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8157, 0.3409, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 177) }
```

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

```
.background{ background-color: rgb(207,  
169, 177) }
```

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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