

Converting Colors

$Yxy(58.8208, 0.3203, 0.3355)$

Have a look what the booklet for
Yxy(58.8208, 0.3203, 0.3355)
contains.

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Color

Yxy(58.8806, 0.3203, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9C4
RGB	206, 201, 196
RGB Percent	81%, 79%, 77%
CMY	0.1920, 0.2118, 0.2314
CMYK	0.00, 0.02, 0.05, 0.19
HSL	30°, 9%, 79%
HSV	30°, 5%, 81%
XYZ	56.3137, 58.8806, 60.6212
YIQ	201.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

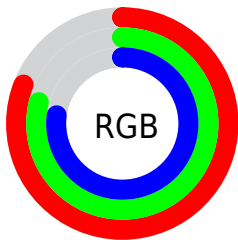
Format	Color
R_{YB}	206, 206, 196
Decimal	13552068
CIE Lab	81.23, 0.87, 3.10
CIE LCh	81, 3.218, 74.309
Yxy	58.8806, 0.3203, 0.3349
Android (android.graphics.Color)	4291742148 (0xFFCEC9C4)
YUV	201.9250, -2.9210, 3.5738
Hunter-Lab	76.7337, -3.2855, 6.8733

Details

The Yxy color **58.8806, 0.3203, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9950, 0.3053, 0.3230**, and the grayscale version is **59.0350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **29.4958, 0.3228, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **53.3348, 0.3375, 0.3476**, and if you desaturate by 10%, it is **64.8869, 0.3053, 0.3230**.

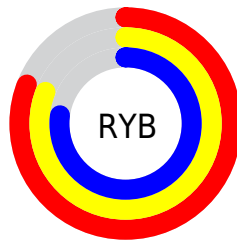
Distribution



Red (81%)

Green (79%)

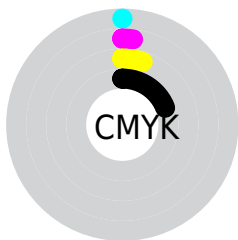
Blue (77%)



Red (81%)

Yellow (81%)

Blue (77%)

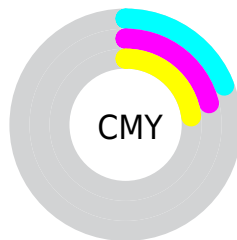


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8806, 0.3203, 0.3349 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 58.8806, 0.3203, 0.3349 by changing the saturation by 10% instead.

■ 58.8806, 0.3203,
0.3349

■ 58.8806, 0.3203,
0.3349

420.4593, 0.3167,
0.3321

■ 42.5170, 0.3212,
0.3356

103.2041, 0.3190,
0.3339

■ 29.5063, 0.3223,
0.3364

131.9328, 0.3185,
0.3335

■ 19.4642, 0.3237,
0.3375

165.5520, 0.3181,
0.3332

■ 12.0062, 0.3256,
0.3390

204.4461, 0.3177,
0.3329

■ 6.7479, 0.3284,
0.3411

248.9995, 0.3174,
0.3327

■ 3.3049, 0.3326,
0.3443

299.5966, 0.3171,

■ 1.2929, 0.3399,

0.3324

0.3498

356.6217, 0.3169,
0.3323

■ 0.1357, 0.5254,
0.4746

■ 0.0000, 0.0000,
0.0000

■ 58.8806, 0.3203,
0.3349

■ 58.8806, 0.3203,
0.3349

■ 53.3348, 0.3375,
0.3476

■ 64.8869, 0.3053,
0.3230

■ 48.2303, 0.3571,
0.3608

■ 71.3572, 0.2922,
0.3120

■ 43.5574, 0.3792,
0.3742

■ 78.1222, 0.2824,
0.3047

■ 39.3034, 0.4036,
0.3873

■ 84.1385, 0.2831,
0.3158

■ 35.4546, 0.4301,
0.3991

■ 90.5053, 0.2837,
0.3267

■ 31.9966, 0.4577,
0.4085

■ 91.8687, 0.2838,
0.3289

■ 28.9137, 0.4851,
0.4143

■ 26.1886, 0.5106,
0.4154

■ 23.8015, 0.5326,
0.4109

Harmonies

Analogous

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



58.8806, 0.3208, 0.3320



58.8806, 0.3203, 0.3349



58.8806, 0.3177, 0.3362

Triad

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



58.8806, 0.3203, 0.3349



58.8806, 0.3064, 0.3296



58.8806, 0.3115, 0.3226

Complementary

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



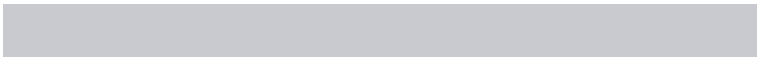
58.8806, 0.3203, 0.3349



57.9950, 0.3053, 0.3230

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.



58.8806, 0.3077, 0.3219



58.8806, 0.3203, 0.3349



58.8806, 0.3047, 0.3259

Square

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



58.8806, 0.3203, 0.3349



58.8806, 0.3097, 0.3332



58.8806, 0.3052, 0.3231



58.8806, 0.3157, 0.3249

Rectangle

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



58.8806, 0.3203, 0.3349



58.8806, 0.3152, 0.3360



58.8806, 0.3052, 0.3231



58.8806, 0.3102, 0.3221

Sweetspot

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



58.8832, 0.3203, 0.3349



99.0206, 0.3142, 0.3302



56.8350, 0.3169, 0.3229



21.2048, 0.3142, 0.3302



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.



58.8832, 0.3203, 0.3349



94.2375, 0.3222, 0.3364



61.1995, 0.3199, 0.3406



12.4600, 0.3231, 0.3370



14.1621, 0.5405, 0.4090



0.8824, 0.5107, 0.4327

Inverse Universe

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



57.9950, 0.3053, 0.3230



92.4603, 0.3035, 0.3215



55.7502, 0.3054, 0.3171



12.2053, 0.3027, 0.3209



8.9974, 0.1779, 0.1602



0.6160, 0.1877, 0.1956

Previews

White Background



This preview shows how the Yxy color 58.8806, 0.3203, 0.3349 looks on a white background.

Color Contrast Check

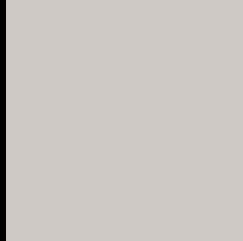
Large Text (above 18pt) WCAG AA × Fail

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 58.8806, 0.3203, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

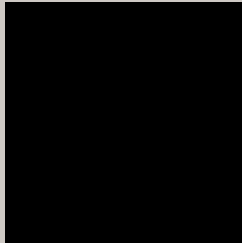
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

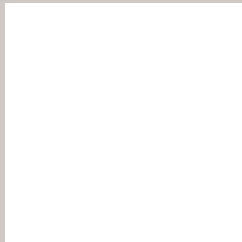
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8806, 0.3203, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 58.8806, 0.3203, 0.3349.

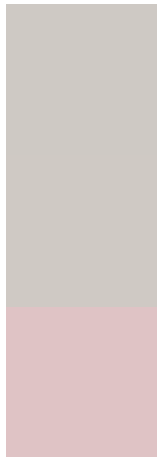


This preview shows how white text looks on a background with the Yxy color 58.8806, 0.3203, 0.3349.

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

58.8806, 0.3203, 0.3349

Protanopia

59.0242, 0.3211, 0.3349

Deuteranopia

58.7494, 0.3339, 0.3268



Tritanopia

58.7985, 0.3097, 0.3106

Trichromacy



Original Color

58.8806, 0.3203, 0.3349

Protanomaly

59.0242, 0.3211, 0.3349

Deuteranomaly

58.7154, 0.3287, 0.3290

Tritanomaly

58.7617, 0.3139, 0.3197

Monochromacy



Original Color

58.8806, 0.3203, 0.3349

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1077, 0.3149, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8806, 0.3203, 0.3349 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(206, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 196)  
}
```

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(206, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.8806, 0.3203, 0.3349 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(206, 201, 196) }
```

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

```
.border{ border-color:rgb(206, 201, 196) }
```

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

Here you see how a box with a 4 pixel rgb(206, 201, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8806, 0.3203, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 196) }
```

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

```
.background{ background-color: rgb(206,  
201, 196) }
```

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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