

Converting Colors

Yxy(56.8130, 0.3115, 0.3189)

Have a look what the booklet for
Yxy(56.8130, 0.3115, 0.3189)
contains.

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Color

Yxy(57.0368, 0.3116, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5CD
RGB	203, 197, 205
RGB Percent	80%, 77%, 80%
CMY	0.2040, 0.2274, 0.1962
CMYK	0.01, 0.04, 0.00, 0.20
HSL	285°, 7%, 79%
HSV	285°, 4%, 80%
XYZ	55.6091, 57.0368, 65.8172
YIQ	199.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

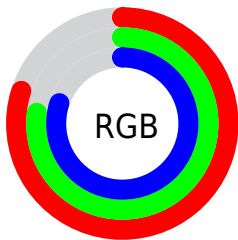
Format	Color
R _Y B	203, 197, 205
Decimal	13354445
CIE Lab	80.20, 3.53, -3.24
CIE LCh	80, 4.795, 317.451
Yxy	57.0368, 0.3116, 0.3196
Android (android.graphics.Color)	4291544525 (0xFFCBC5CD)
YUV	199.7060, 2.6099, 2.8888
Hunter-Lab	75.5227, -0.7311, 1.1953

Details

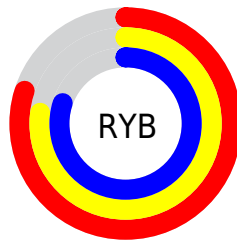
The Yxy color **57.0368, 0.3116, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8221, 0.3138, 0.3385**, and the grayscale version is **57.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.2688, 0.3112, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **47.6495, 0.3083, 0.2944**, and if you desaturate by 10%, it is **67.7182, 0.3143, 0.3433**.

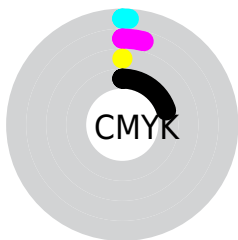
Distribution



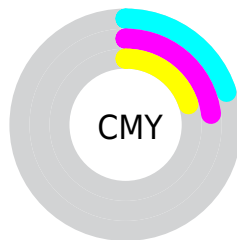
- Red (80%)
- Green (77%)
- Blue (80%)



- Red (80%)
- Yellow (77%)
- Blue (80%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0368, 0.3116, 0.3196 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 57.0368, 0.3116, 0.3196 by changing the saturation by 10% instead.

■ 57.0368, 0.3116,
0.3196

■ 57.0368, 0.3116,
0.3196

413.5872, 0.3122,
0.3241

■ 41.0348, 0.3115,
0.3185

100.5189, 0.3118,
0.3212

■ 28.3463, 0.3113,
0.3172

128.7677, 0.3119,
0.3218

■ 18.5868, 0.3111,
0.3154

161.8677, 0.3119,
0.3223

■ 11.3721, 0.3107,
0.3130

200.2031, 0.3120,
0.3228

■ 6.3177, 0.3103,
0.3097

244.1583, 0.3120,
0.3232

■ 3.0392, 0.3095,
0.3045

294.1178, 0.3121,

■ 1.1522, 0.3082,

0.3235

0.2956

350.4660, 0.3121,
0.3238

0.0222, 0.2822,
0.0583

0.0000, 0.0000,
0.0000

57.0368, 0.3116,
0.3196

57.0368, 0.3116,
0.3196

47.6495, 0.3083,
0.2944

67.7182, 0.3143,
0.3433

39.4980, 0.3044,
0.2681

79.7346, 0.3165,
0.3652

32.5305, 0.2997,
0.2413

90.8782, 0.3185,
0.3819

26.6884, 0.2944,
0.2148

91.6787, 0.3217,
0.3814

■ 21.9082, 0.2885,
0.1898

■ 92.5036, 0.3250,
0.3809

■ 18.1201, 0.2822,
0.1673

■ 93.3531, 0.3283,
0.3803

■ 15.2457, 0.2755,
0.1484

■ 94.2276, 0.3316,
0.3798

■ 13.1943, 0.2688,
0.1338

■ 95.1271, 0.3350,
0.3793

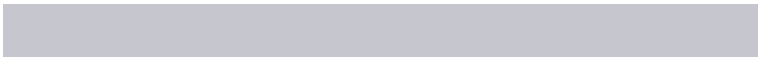
■ 11.8564, 0.2621,
0.1240

■ 96.0519, 0.3384,
0.3787

Harmonies

Analogous

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



57.0368, 0.3057, 0.3183



57.0368, 0.3116, 0.3196



57.0368, 0.3179, 0.3234

Triad

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



57.0368, 0.3116, 0.3196



57.0368, 0.3239, 0.3382



57.0368, 0.3027, 0.3293

Complementary

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



57.0368, 0.3116, 0.3196



59.8221, 0.3138, 0.3385

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.



57.0368, 0.3075, 0.3348



57.0368, 0.3116, 0.3196



57.0368, 0.3197, 0.3399

Square

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



57.0368, 0.3116, 0.3196



57.0368, 0.3250, 0.3340



57.0368, 0.3138, 0.3387



57.0368, 0.3006, 0.3238

Rectangle

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



57.0368, 0.3116, 0.3196



57.0368, 0.3214, 0.3268



57.0368, 0.3138, 0.3387



57.0368, 0.3041, 0.3312

Sweetspot

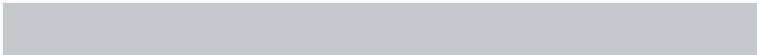
The Sweet Spot groups the original color and five complimentary colors.



57.0393, 0.3116, 0.3196



98.2636, 0.3124, 0.3266



57.1259, 0.3069, 0.3219



21.0508, 0.3124, 0.3267



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.



57.0393, 0.3116, 0.3196



91.5360, 0.3112, 0.3167



57.2238, 0.3146, 0.3220



12.0397, 0.3111, 0.3153



7.0649, 0.2591, 0.1201



0.3988, 0.2717, 0.1271

Inverse Universe

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



57.0361, 0.3176, 0.3267



91.5317, 0.3191, 0.3259



59.6446, 0.3109, 0.3361



12.0393, 0.3199, 0.3256



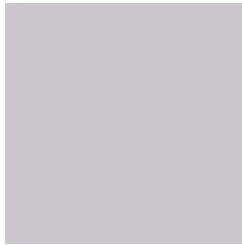
8.2420, 0.5914, 0.3032



0.4377, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 57.0368, 0.3116, 0.3196 looks on a white background.

Color Contrast Check

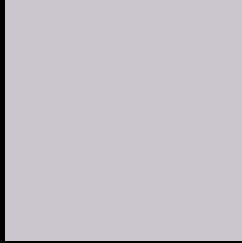
Large Text (above 18pt) WCAG AA × Fail

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 57.0368, 0.3116, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

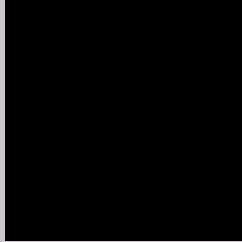
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

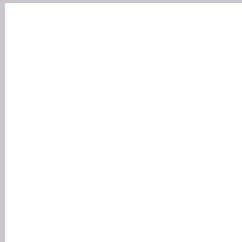
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0368, 0.3116, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 57.0368, 0.3116, 0.3196.

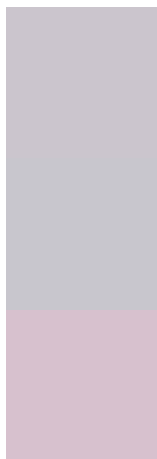


This preview shows how white text looks on a background with the Yxy color 57.0368, 0.3116, 0.3196.

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

57.0368, 0.3116, 0.3196

Protanopia

57.0753, 0.3092, 0.3207

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.0204, 0.3081, 0.3114

Trichromacy



Original Color

57.0368, 0.3116, 0.3196

Protanomaly

57.2135, 0.3100, 0.3207

Deuteranomaly

56.8887, 0.3174, 0.3151

Tritanomaly

56.9207, 0.3095, 0.3138

Monochromacy



Original Color

57.0368, 0.3116, 0.3196

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5286, 0.3121, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0368, 0.3116, 0.3196 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(203, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 205)  
}
```

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(203, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.0368, 0.3116, 0.3196 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(203, 197, 205) }
```

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

```
.border{ border-color:rgb(203, 197, 205) }
```

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

Here you see how a box with a 4 pixel rgb(203, 197, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0368, 0.3116, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 205) }
```

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

```
.background{ background-color: rgb(203,  
197, 205) }
```

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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