

Converting Colors

Yxy(57.0413, 0.3148, 0.3275)

Have a look what the booklet for
Yxy(57.0413, 0.3148, 0.3275)
contains.

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Color

Yxy(57.0682, 0.3151, 0.3278)

Conversions

Conversions Part 1	
Format	Color
Hex	CAC6C7
RGB	202, 198, 199
RGB Percent	79%, 78%, 78%
CMY	0.2079, 0.2235, 0.2195
CMYK	0.00, 0.02, 0.01, 0.21
HSL	345°, 4%, 78%
HSV	345°, 2%, 79%
XYZ	54.8572, 57.0682, 62.1692
YIQ	199.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

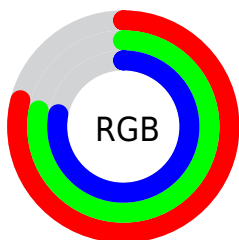
Format	Color
RYB	202, 198, 199
Decimal	13289159
CIELab	80.22, 1.56, -0.03
CIELCh	80, 1.563, 358.969
Yxy	57.0682, 0.3151, 0.3278
Android (android.graphics.Color)	4291479239 (0xFFCAC6C7)
YUV	199.3100, -0.1528, 2.3591
Hunter-Lab	75.5435, -2.5803, 4.0872

Details

The Yxy color 57.0682, 0.3151, 0.3278 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 58.4533, 0.3104, 0.3302, and the grayscale version is 57.3132, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 28.2868, 0.3160, 0.3274 is the 20% darker color. If you saturate the color by 10%, you get 47.7791, 0.3289, 0.3214, and if you desaturate by 10%, it is 67.6626, 0.3039, 0.3337.

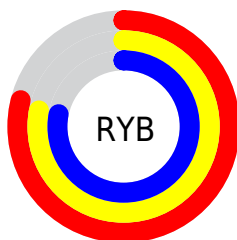
Distribution



Red (79%)

Green (78%)

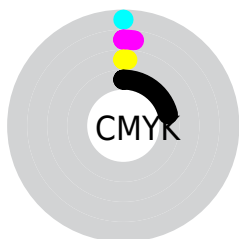
Blue (78%)



Red (79%)

Yellow (78%)

Blue (78%)

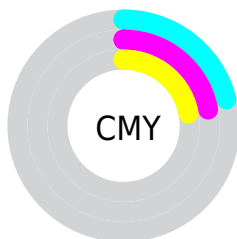


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (21%)



Cyan (21%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0682, 0.3151, 0.3278 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 57.0682, 0.3151, 0.3278 by changing the saturation by 10% instead.


 57.0682, 0.3151,
0.3278

 57.0682, 0.3151,
0.3278


413.7048, 0.3140,
0.3284

 41.0600, 0.3154,
0.3277


100.5647, 0.3147,
0.3280

 28.3660, 0.3157,
0.3275


128.8218, 0.3145,
0.3281

 18.6017, 0.3162,
0.3272


161.9306, 0.3144,
0.3282

 11.3828, 0.3168,
0.3269

200.2756, 0.3143,
0.3282

 6.3250, 0.3177,
0.3265

244.2411, 0.3142,
0.3283

 3.0437, 0.3190,
0.3258


294.2115, 0.3141,


 1.1546, 0.3214,


0.3283

0.3245


350.5713, 0.3140,
0.3284


 0.0241, 0.5385,
0.2127


 0.0000, 0.0000,
0.0000


 57.0682, 0.3151,
0.3278

 57.0682, 0.3151,
0.3278


 47.7791, 0.3289,
0.3214


 67.6626, 0.3039,
0.3337


 39.7376, 0.3458,
0.3147

 79.6025, 0.2948,
0.3391

 32.8925, 0.3666,
0.3078

 90.6151, 0.2872,
0.3403

 27.1863, 0.3918,
0.3010

 91.2935, 0.2816,
0.3289

■ 22.5565, 0.4218,
0.2950

■ 18.9350, 0.4564,
0.2906

■ 16.2454, 0.4944,
0.2889

■ 14.4006, 0.5331,
0.2909

■ 13.2965, 0.5686,
0.2970

Harmonies

Analogous

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



57.0682, 0.3132, 0.3263



57.0682, 0.3151, 0.3278



57.0682, 0.3164, 0.3296

Triad

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



57.0682, 0.3151, 0.3278



57.0682, 0.3143, 0.3325



57.0682, 0.3088, 0.3268

Complementary

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



57.0682, 0.3151, 0.3278



58.4533, 0.3104, 0.3302

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.



57.0682, 0.3091, 0.3284



57.0682, 0.3151, 0.3278



57.0682, 0.3123, 0.3317

Square

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



57.0682, 0.3151, 0.3278



57.0682, 0.3159, 0.3323



57.0682, 0.3104, 0.3302



57.0682, 0.3095, 0.3257

Rectangle

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



57.0682, 0.3151, 0.3278



57.0682, 0.3167, 0.3308



57.0682, 0.3104, 0.3302



57.0682, 0.3088, 0.3273

Sweetspot

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



57.0707, 0.3151, 0.3278



98.2620, 0.3139, 0.3284



57.0623, 0.3121, 0.3243



21.0504, 0.3139, 0.3284



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.



57.0707, 0.3151, 0.3278



96.5468, 0.3152, 0.3278



57.4484, 0.3158, 0.3301



12.8609, 0.3150, 0.3279



8.2491, 0.5895, 0.3021



0.4382, 0.5323, 0.2706

Inverse Universe

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



57.0707, 0.3151, 0.3278



96.5468, 0.3152, 0.3278



58.0679, 0.3097, 0.3279



12.8609, 0.3150, 0.3279



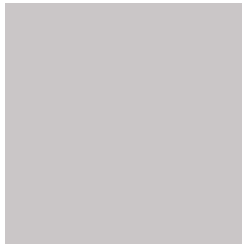
8.2491, 0.5895, 0.3021



0.4382, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 57.0682, 0.3151, 0.3278 looks on a white background.

Color Contrast Check

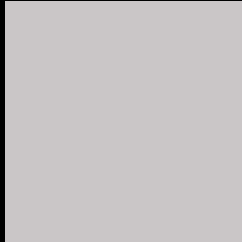
Large Text (above 18pt) WCAG AA × Fail

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 57.0682, 0.3151, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

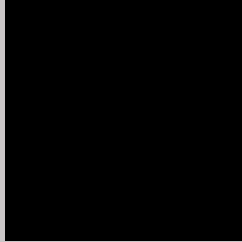
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

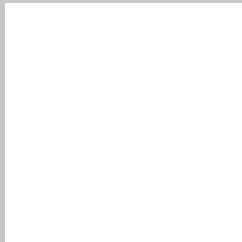
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0682, 0.3151, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 57.0682, 0.3151, 0.3278.

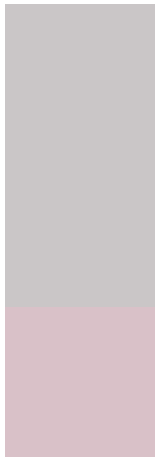


This preview shows how white text looks on a background with the Yxy color 57.0682, 0.3151, 0.3278.

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

57.0682, 0.3151, 0.3278

Protanopia

57.0682, 0.3151, 0.3278

Deuteranopia

57.0618, 0.3269, 0.3210



Tritanopia

57.0707, 0.3073, 0.3103

Trichromacy



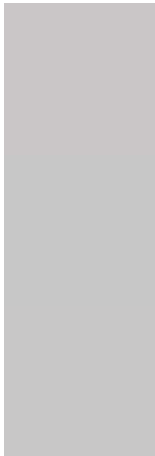
Original Color
57.0682, 0.3151, 0.3278

Protanomaly
57.0682, 0.3151, 0.3278

Deuteranomaly
57.1974, 0.3226, 0.3232

Tritanomaly
57.1340, 0.3101, 0.3172

Monochromacy



Original Color
57.0682, 0.3151, 0.3278

Achromatopsia
57.1125, 0.3127, 0.3290

Achromatomaly
57.2497, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0682, 0.3151, 0.3278 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(202, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 199)  
}
```

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(202, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 199) }
```

Border

The CSS property to change the border of an element to Yxy 57.0682, 0.3151, 0.3278 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(202, 198, 199) }
```

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

```
.border{ border-color:rgb(202, 198, 199) }
```

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

Here you see how a box with a 4 pixel rgb(202, 198, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0682, 0.3151, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 199) }
```

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

```
.background{ background-color: rgb(202,  
198, 199) }
```

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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