

Converting Colors

Yxy(57.5733, 0.3029, 0.3059)

Have a look what the booklet for
Yxy(57.5733, 0.3029, 0.3059)
contains.

Yxy(57.6388, 0.3030, 0.3057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.6388, 0.3030, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5D9
RGB	203, 197, 217
RGB Percent	80%, 77%, 85%
CMY	0.2038, 0.2275, 0.1489
CMYK	0.06, 0.09, 0.00, 0.15
HSL	258°, 21%, 81%
HSV	258°, 9%, 85%
XYZ	57.1297, 57.6388, 73.7784
YIQ	201.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

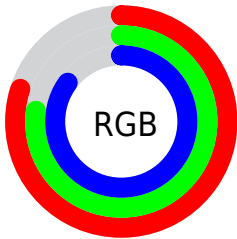
Format	Color
R _Y B	203, 197, 217
Decimal	13354457
CIE Lab	80.54, 5.86, -9.22
CIE LCh	81, 10.924, 302.419
Yxy	57.6388, 0.3030, 0.3057
Android (android.graphics.Color)	4291544537 (0xFFCBC5D9)
YUV	201.0740, 7.8515, 1.6891
Hunter-Lab	75.9202, 1.4603, -4.4732

Details

The Yxy color `57.6388, 0.3030, 0.3057` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.5168, 0.3219, 0.3519`, and the grayscale version is `58.4138, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.3636, 0.3128, 0.3281`, and `28.6431, 0.3007, 0.2997` is the 20% darker color. If you saturate the color by 10%, you get `46.4603, 0.2909, 0.2779`, and if you desaturate by 10%, it is `70.4489, 0.3135, 0.3308`.

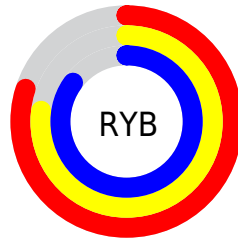
Distribution



Red (80%)

Green (77%)

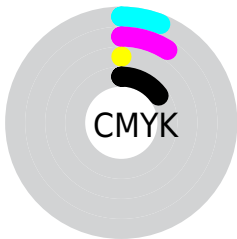
Blue (85%)



Red (80%)

Yellow (77%)

Blue (85%)

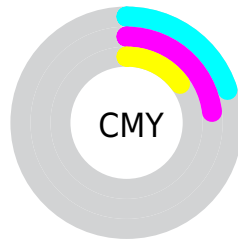


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (20%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6388, 0.3030, 0.3057 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 57.6388, 0.3030, 0.3057 by changing the saturation by 10% instead.

■ 57.6388, 0.3030,
0.3057

■ 57.6388, 0.3030,
0.3057

415.8387, 0.3077,
0.3168

■ 41.5183, 0.3019,
0.3031

101.3967, 0.3047,
0.3096

■ 28.7243, 0.3004,
0.2998

129.8029, 0.3053,
0.3111

■ 18.8724, 0.2985,
0.2956

163.0731, 0.3059,
0.3124

■ 11.5781, 0.2960,
0.2900

201.5918, 0.3064,
0.3135

■ 6.4571, 0.2923,
0.2821

245.7433, 0.3068,
0.3145

■ 3.1250, 0.2866,
0.2702

295.9120, 0.3071,

■ 1.1973, 0.2765,

0.3154

0.2504

352.4823, 0.3074,
0.3161

0.0595, 0.2060,
0.0614

0.0000, 0.0000,
0.0000

57.6388, 0.3030,
0.3057

57.6388, 0.3030,
0.3057

46.4603, 0.2909,
0.2779

70.4489, 0.3135,
0.3308

36.8398, 0.2771,
0.2479

84.9457, 0.3224,
0.3533

28.7089, 0.2618,
0.2161

96.5777, 0.3309,
0.3666

21.9912, 0.2452,
0.1837

97.7912, 0.3351,
0.3661

■ 16.6030, 0.2280,
0.1523

■ 12.4522, 0.2109,
0.1238

■ 9.4339, 0.1950,
0.1000

■ 7.4251, 0.1812,
0.0825

■ 6.2295, 0.1703,
0.0715

Harmonies

Analogous

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



57.6388, 0.2915, 0.3057



57.6388, 0.3030, 0.3057



57.6388, 0.3173, 0.3116

Triad

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



57.6388, 0.3030, 0.3057



57.6388, 0.3404, 0.3454



57.6388, 0.2949, 0.3361

Complementary

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



57.6388, 0.3030, 0.3057



67.5168, 0.3219, 0.3519

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.



57.6388, 0.3077, 0.3474



57.6388, 0.3030, 0.3057



57.6388, 0.3341, 0.3526

Square

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



57.6388, 0.3030, 0.3057



57.6388, 0.3392, 0.3341



57.6388, 0.3220, 0.3535



57.6388, 0.2870, 0.3229

Rectangle

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



57.6388, 0.3030, 0.3057



57.6388, 0.3265, 0.3181



57.6388, 0.3220, 0.3535



57.6388, 0.2988, 0.3403

Sweetspot

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



57.6412, 0.3030, 0.3057



94.2170, 0.3097, 0.3216



63.4771, 0.2985, 0.3220



19.8435, 0.3088, 0.3196



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.



57.6412, 0.3030, 0.3057



79.8643, 0.3009, 0.3007



59.0884, 0.3107, 0.3063



12.8068, 0.3028, 0.3052



3.7720, 0.1708, 0.0715



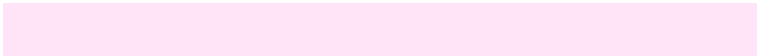
0.2887, 0.1886, 0.0812

Inverse Universe

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



59.3861, 0.3182, 0.3132



82.8573, 0.3194, 0.3099



66.0883, 0.3145, 0.3524



13.2044, 0.3184, 0.3128



10.3116, 0.4148, 0.2059



0.6830, 0.3959, 0.1954

Previews

White Background



This preview shows how the Yxy color 57.6388, 0.3030, 0.3057 looks on a white background.

Color Contrast Check

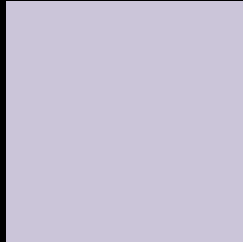
Large Text (above 18pt) WCAG AA × Fail

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 57.6388, 0.3030, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

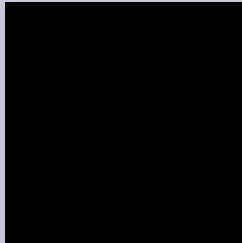
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

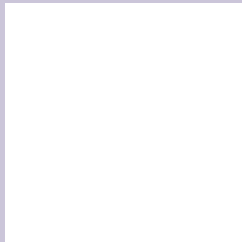
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6388, 0.3030, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 57.6388, 0.3030, 0.3057.



This preview shows how white text looks on a background with the Yxy color 57.6388, 0.3030, 0.3057.

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

57.6388, 0.3030, 0.3057

Protanopia

57.4559, 0.2985, 0.3055

Deuteranopia

57.4944, 0.3085, 0.3016



Tritanopia

57.7488, 0.3050, 0.3114

Trichromacy



Original Color

57.6388, 0.3030, 0.3057

Protanomaly

57.7295, 0.3000, 0.3056

Deuteranomaly

57.5021, 0.3061, 0.3026

Tritanomaly

57.7998, 0.3043, 0.3103

Monochromacy



Original Color

57.6388, 0.3030, 0.3057

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3701, 0.3092, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6388, 0.3030, 0.3057 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.6388, 0.3030, 0.3057 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, 217) }
```

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

```
.border{ border-color:rgb(203, 197, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6388, 0.3030, 0.3057 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, 217) }
```

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

```
.background{ background-color: rgb(203,  
197, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor