

Converting Colors

Yxy(57.3066, 0.3044, 0.3167)

Have a look what the booklet for
Yxy(57.3066, 0.3044, 0.3167)
contains.

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Color

Yxy(57.4561, 0.3048, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7D1
RGB	198, 199, 209
RGB Percent	78%, 78%, 82%
CMY	0.2234, 0.2196, 0.1803
CMYK	0.05, 0.05, 0.00, 0.18
HSL	235°, 11%, 80%
HSV	235°, 5%, 82%
XYZ	55.2274, 57.4561, 68.5088
YIQ	199.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

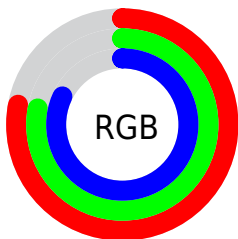
Format	Color
R _Y B	198, 199, 209
Decimal	13027281
CIE Lab	80.44, 1.56, -5.11
CIE LCh	80, 5.344, 286.971
Yxy	57.4561, 0.3048, 0.3171
Android (android.graphics.Color)	4291217361 (0xFFC6C7D1)
YUV	199.8410, 4.5154, -1.6146
Hunter-Lab	75.7998, -2.5953, -0.5272

Details

The Yxy color **57.4561, 0.3048, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7709, 0.3205, 0.3406**, and the grayscale version is **57.6335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.5466, 0.3021, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **46.5812, 0.2883, 0.2921**, and if you desaturate by 10%, it is **69.8268, 0.3194, 0.3390**.

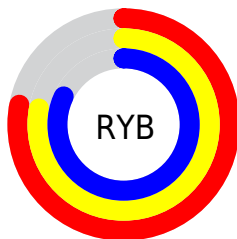
Distribution



Red (78%)

Green (78%)

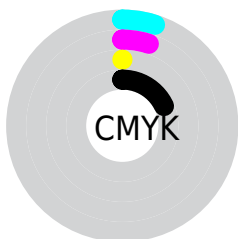
Blue (82%)



Red (78%)

Yellow (78%)

Blue (82%)

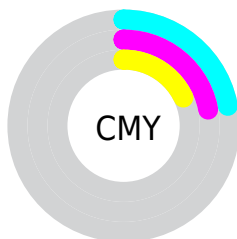


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4561, 0.3048, 0.3171 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 57.4561, 0.3048, 0.3171 by changing the saturation by 10% instead.

■ 57.4561, 0.3048,
0.3171

■ 57.4561, 0.3048,
0.3171

415.1562, 0.3086,
0.3228

■ 41.3715, 0.3039,
0.3157

101.1304, 0.3062,
0.3191

■ 28.6095, 0.3027,
0.3140

129.4889, 0.3067,
0.3199

■ 18.7856, 0.3012,
0.3118

162.7075, 0.3071,
0.3206

■ 11.5155, 0.2992,
0.3088

201.1707, 0.3075,
0.3211

■ 6.4147, 0.2963,
0.3045

245.2627, 0.3078,
0.3216

■ 3.0988, 0.2917,
0.2980

295.3681, 0.3081,

■ 1.1835, 0.2839,

0.3221

0.2867

351.8711, 0.3084,
0.3225

0.0482, 0.1548,
0.0889

0.0000, 0.0000,
0.0000

57.4561, 0.3048,
0.3171

57.4561, 0.3048,
0.3171

46.5812, 0.2883,
0.2921

69.8268, 0.3194,
0.3390

37.1383, 0.2701,
0.2641

83.7394, 0.3323,
0.3581

29.0698, 0.2505,
0.2334

97.3841, 0.3400,
0.3740

22.3117, 0.2299,
0.2007

■ 16.7943, 0.2094,
0.1675

■ 12.4421, 0.1903,
0.1357

■ 9.1708, 0.1739,
0.1075

■ 6.8848, 0.1615,
0.0851

■ 5.4715, 0.1538,
0.0699

Harmonies

Analogous

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



57.4561, 0.3004, 0.3188



57.4561, 0.3048, 0.3171



57.4561, 0.3114, 0.3185

Triad

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



57.4561, 0.3048, 0.3171



57.4561, 0.3264, 0.3345



57.4561, 0.3071, 0.3355

Complementary

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



57.4561, 0.3048, 0.3171



62.7709, 0.3205, 0.3406

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.



57.4561, 0.3140, 0.3398



57.4561, 0.3048, 0.3171



57.4561, 0.3252, 0.3392

Square

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



57.4561, 0.3048, 0.3171



57.4561, 0.3239, 0.3285



57.4561, 0.3206, 0.3411



57.4561, 0.3017, 0.3294

Rectangle

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



57.4561, 0.3048, 0.3171



57.4561, 0.3161, 0.3210



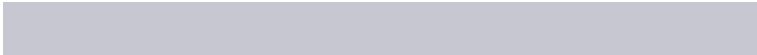
57.4561, 0.3206, 0.3411



57.4561, 0.3093, 0.3372

Sweetspot

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



57.4585, 0.3048, 0.3171



96.1135, 0.3097, 0.3245



62.1672, 0.3053, 0.3303



20.6130, 0.3099, 0.3247



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.



57.4585, 0.3048, 0.3171



88.6302, 0.3035, 0.3152



57.6214, 0.3082, 0.3161



12.2768, 0.3027, 0.3140



3.1743, 0.1518, 0.0663



0.2366, 0.1570, 0.0853

Inverse Universe

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



58.0822, 0.3207, 0.3279



89.7573, 0.3220, 0.3277



62.6113, 0.3171, 0.3419



12.4478, 0.3229, 0.3276



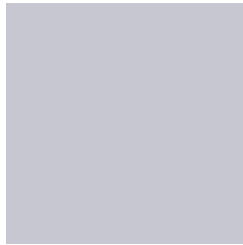
8.3917, 0.6294, 0.3241



0.4752, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 57.4561, 0.3048, 0.3171 looks on a white background.

Color Contrast Check

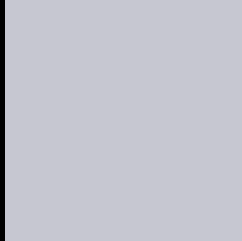
Large Text (above 18pt) WCAG AA × Fail

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 57.4561, 0.3048, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

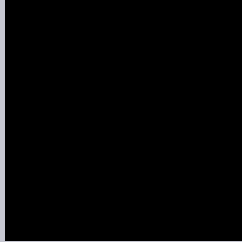
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

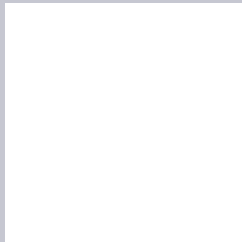
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4561, 0.3048, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 57.4561, 0.3048, 0.3171.

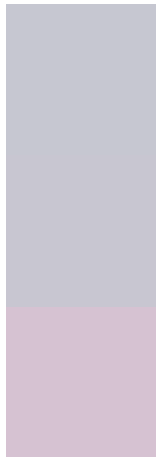


This preview shows how white text looks on a background with the Yxy color 57.4561, 0.3048, 0.3171.

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

57.4561, 0.3048, 0.3171

Protanopia

57.2710, 0.3063, 0.3160

Deuteranopia

57.5329, 0.3168, 0.3107



Tritanopia

57.3853, 0.3020, 0.3102

Trichromacy



Original Color

57.4561, 0.3048, 0.3171

Protanomaly

57.1337, 0.3056, 0.3160

Deuteranomaly

57.5429, 0.3119, 0.3128

Tritanomaly

57.2837, 0.3035, 0.3125

Monochromacy



Original Color

57.4561, 0.3048, 0.3171

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7625, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4561, 0.3048, 0.3171 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(198, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 209)  
}
```

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(198, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 209) }
```

Border

The CSS property to change the border of an element to Yxy 57.4561, 0.3048, 0.3171 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(198, 199, 209) }
```

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

```
.border{ border-color:rgb(198, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4561, 0.3048, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 209) }
```

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

```
.background{ background-color: rgb(198,  
199, 209) }
```

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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