

Converting Colors

Yxy(57.9099, 0.3078, 0.3234)

Have a look what the booklet for
Yxy(57.9099, 0.3078, 0.3234)
contains.

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Color

Yxy(57.7221, 0.3076, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C6C8CD
RGB	198, 200, 205
RGB Percent	78%, 78%, 80%
CMY	0.2234, 0.2157, 0.1960
CMYK	0.03, 0.02, 0.00, 0.20
HSL	223°, 7%, 79%
HSV	223°, 3%, 80%
XYZ	54.9700, 57.7221, 66.0141
YIQ	199.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

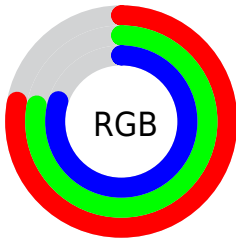
Format	Color
RYB	198, 200, 205
Decimal	13027533
CIELab	80.58, 0.27, -2.75
CIELCh	81, 2.762, 275.613
Yxy	57.7221, 0.3076, 0.3230
Android (android.graphics.Color)	4291217613 (0xFFC6C8CD)
YUV	199.9720, 2.4788, -1.7294
Hunter-Lab	75.9751, -3.8068, 1.6660

Details

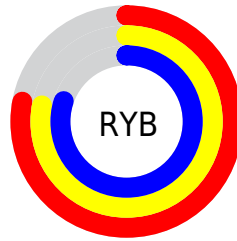
The Yxy color **57.7221, 0.3076, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7997, 0.3178, 0.3349**, and the grayscale version is **57.7309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.7214, 0.3059, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **48.6210, 0.2917, 0.3039**, and if you desaturate by 10%, it is **67.8638, 0.3222, 0.3399**.

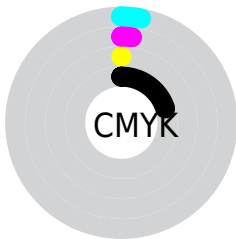
Distribution



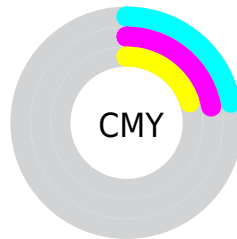
- Red (78%)
- Green (78%)
- Blue (80%)



- Red (78%)
- Yellow (78%)
- Blue (80%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7221, 0.3076, 0.3230 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 57.7221, 0.3076, 0.3230 by changing the saturation by 10% instead.

■ 57.7221, 0.3076,
0.3230

■ 57.7221, 0.3076,
0.3230

416.1496, 0.3101,
0.3259

■ 41.5853, 0.3070,
0.3223

101.5181, 0.3085,
0.3240

■ 28.7767, 0.3063,
0.3214

129.9460, 0.3088,
0.3244

■ 18.9120, 0.3053,
0.3203

163.2397, 0.3091,
0.3248

■ 11.6067, 0.3040,
0.3188

201.7837, 0.3093,
0.3251

■ 6.4765, 0.3021,
0.3166

245.9623, 0.3096,
0.3253

■ 3.1369, 0.2992,
0.3132

296.1599, 0.3098,

■ 1.2036, 0.2942,

0.3255

0.3073

352.7608, 0.3099,
0.3257

0.0647, 0.1721,
0.1636

0.0000, 0.0000,
0.0000

57.7221, 0.3076,
0.3230

57.7221, 0.3076,
0.3230

48.6210, 0.2917,
0.3039

67.8638, 0.3222,
0.3399

40.5196, 0.2747,
0.2825

79.0707, 0.3354,
0.3547

33.3848, 0.2567,
0.2589

90.5052, 0.3443,
0.3680

27.1791, 0.2383,
0.2333

97.1888, 0.3424,
0.3780

■ 21.8623, 0.2199,
0.2064

■ 17.3911, 0.2024,
0.1790

■ 13.7181, 0.1868,
0.1523

■ 10.7908, 0.1739,
0.1276

■ 8.5488, 0.1642,
0.1062

Harmonies

Analogous

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



57.7221, 0.3059, 0.3245



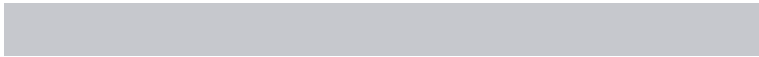
57.7221, 0.3076, 0.3230



57.7221, 0.3107, 0.3231

Triad

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



57.7221, 0.3076, 0.3230



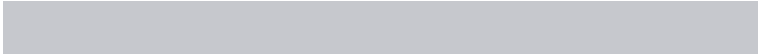
57.7221, 0.3195, 0.3307



57.7221, 0.3111, 0.3333

Complementary

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



57.7221, 0.3076, 0.3230



59.7997, 0.3178, 0.3349

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.



57.7221, 0.3148, 0.3350



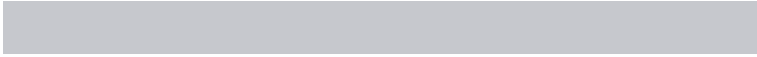
57.7221, 0.3076, 0.3230



57.7221, 0.3196, 0.3335

Square

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



57.7221, 0.3076, 0.3230



57.7221, 0.3175, 0.3276



57.7221, 0.3179, 0.3351



57.7221, 0.3079, 0.3305

Rectangle

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



57.7221, 0.3076, 0.3230



57.7221, 0.3131, 0.3241



57.7221, 0.3179, 0.3351



57.7221, 0.3123, 0.3341

Sweetspot

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



57.7246, 0.3076, 0.3230



98.3551, 0.3112, 0.3272



59.9962, 0.3088, 0.3313



21.0694, 0.3113, 0.3273



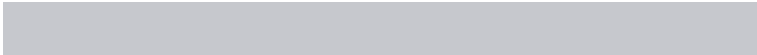
0.0000, 0.0000, 0.0000



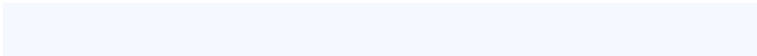
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.7246, 0.3076, 0.3230



93.5255, 0.3066, 0.3218



57.0279, 0.3088, 0.3207



12.2929, 0.3056, 0.3207



4.7417, 0.1602, 0.0967



0.3751, 0.1713, 0.1365

Inverse Universe

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



57.5542, 0.3168, 0.3267



93.2004, 0.3176, 0.3263



60.5189, 0.3165, 0.3372



12.2438, 0.3184, 0.3258



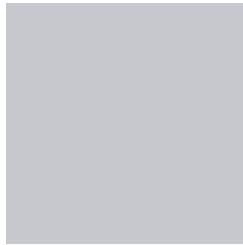
8.2817, 0.5809, 0.2974



0.4404, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 57.7221, 0.3076, 0.3230 looks on a white background.

Color Contrast Check

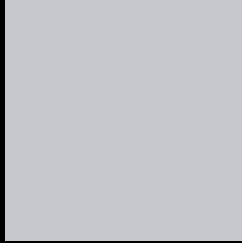
Large Text (above 18pt) WCAG AA × Fail

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 57.7221, 0.3076, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

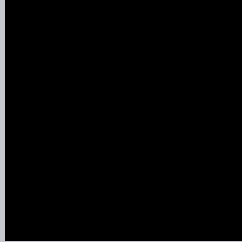
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

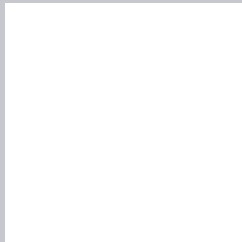
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7221, 0.3076, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 57.7221, 0.3076, 0.3230.

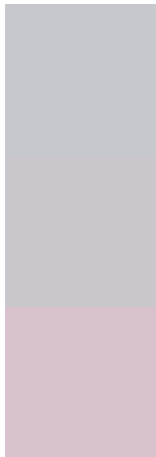


This preview shows how white text looks on a background with the Yxy color 57.7221, 0.3076, 0.3230.

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

57.7221, 0.3076, 0.3230

Protanopia

57.7630, 0.3114, 0.3231

Deuteranopia

57.6387, 0.3214, 0.3153



Tritanopia

57.8440, 0.3020, 0.3114

Trichromacy



Original Color

57.7221, 0.3076, 0.3230

Protanomaly

57.6240, 0.3107, 0.3231

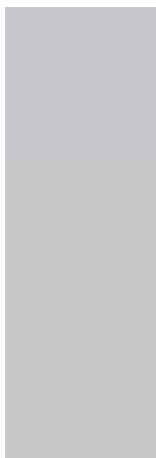
Deuteranomaly

57.4914, 0.3156, 0.3174

Tritanomaly

57.6921, 0.3041, 0.3148

Monochromacy



Original Color

57.7221, 0.3076, 0.3230

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7149, 0.3105, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7221, 0.3076, 0.3230 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, 200, 205)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 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(198, 200, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.7221, 0.3076, 0.3230 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, 200, 205) }
```

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

```
.border{ border-color:rgb(198, 200, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7221, 0.3076, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 205) }
```

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

```
.background{ background-color: rgb(198,  
200, 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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