

Converting Colors

Yxy(56.8545, 0.3057, 0.3206)

Have a look what the booklet for
Yxy(56.8545, 0.3057, 0.3206)
contains.

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Color

Yxy(57.0388, 0.3054, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7CE
RGB	196, 199, 206
RGB Percent	77%, 78%, 81%
CMY	0.2313, 0.2196, 0.1921
CMYK	0.05, 0.03, 0.00, 0.19
HSL	222°, 9%, 79%
HSV	222°, 5%, 81%
XYZ	54.3345, 57.0388, 66.5393
YIQ	198.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

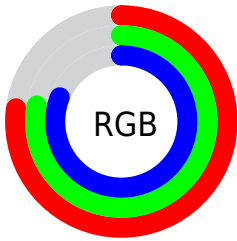
Format	Color
RYB	196, 198, 206
Decimal	12896206
CIELab	80.20, 0.31, -3.86
CIElCh	80, 3.869, 274.565
Yxy	57.0388, 0.3054, 0.3206
Android (android.graphics.Color)	4291086286 (0xFFC4C7CE)
YUV	198.9010, 3.4998, -2.5442
Hunter-Lab	75.5240, -3.7482, 0.6302

Details

The Yxy color **57.0388, 0.3054, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8382, 0.3201, 0.3373**, and the grayscale version is **57.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **28.2686, 0.3029, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **48.1189, 0.2894, 0.3016**, and if you desaturate by 10%, it is **66.9763, 0.3202, 0.3374**.

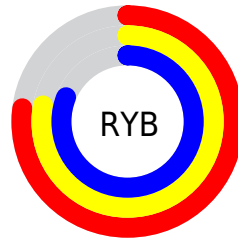
Distribution



Red (77%)

Green (78%)

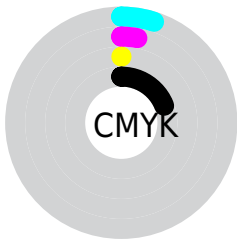
Blue (81%)



Red (77%)

Yellow (78%)

Blue (81%)

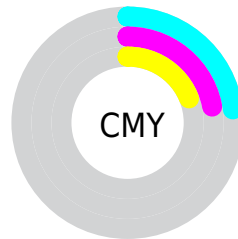


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0388, 0.3054, 0.3206 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 57.0388, 0.3054, 0.3206 by changing the saturation by 10% instead.

■ 57.0388, 0.3054,
0.3206

■ 57.0388, 0.3054,
0.3206

413.5947, 0.3089,
0.3247

■ 41.0364, 0.3046,
0.3196

100.5218, 0.3067,
0.3220

■ 28.3475, 0.3035,
0.3184

128.7712, 0.3071,
0.3226

■ 18.5878, 0.3021,
0.3168

161.8717, 0.3075,
0.3231

■ 11.3728, 0.3002,
0.3146

200.2077, 0.3079,
0.3235

■ 6.3182, 0.2975,
0.3116

244.1636, 0.3082,
0.3238

■ 3.0395, 0.2933,
0.3068

294.1238, 0.3085,

■ 1.1524, 0.2860,

0.3241

0.2985

350.4727, 0.3087,
0.3244

0.0223, 0.0832,
0.0646

0.0000, 0.0000,
0.0000

57.0388, 0.3054,
0.3206

57.0388, 0.3054,
0.3206

48.1189, 0.2894,
0.3016

66.9763, 0.3202,
0.3374

40.1764, 0.2723,
0.2804

77.9554, 0.3337,
0.3521

33.1790, 0.2543,
0.2571

89.4678, 0.3440,
0.3653

27.0896, 0.2360,
0.2319

97.2364, 0.3418,
0.3770

■ 21.8688, 0.2179,
0.2054

■ 17.4741, 0.2009,
0.1786

■ 13.8586, 0.1857,
0.1524

■ 10.9704, 0.1733,
0.1283

■ 8.7494, 0.1642,
0.1073

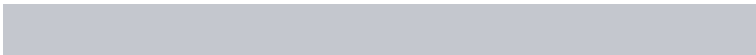
Harmonies

Analogous

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



57.0388, 0.3031, 0.3228



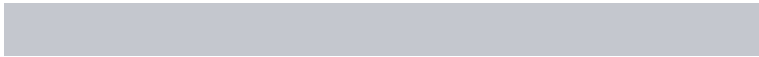
57.0388, 0.3054, 0.3206



57.0388, 0.3097, 0.3207

Triad

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



57.0388, 0.3054, 0.3206



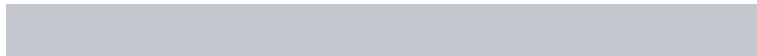
57.0388, 0.3222, 0.3313



57.0388, 0.3106, 0.3352

Complementary

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



57.0388, 0.3054, 0.3206



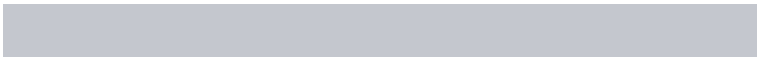
59.8382, 0.3201, 0.3373

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.



57.0388, 0.3157, 0.3375



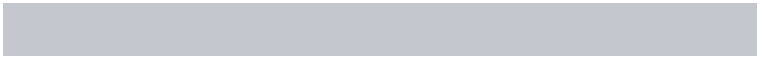
57.0388, 0.3054, 0.3206



57.0388, 0.3224, 0.3352

Square

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



57.0388, 0.3054, 0.3206



57.0388, 0.3194, 0.3268



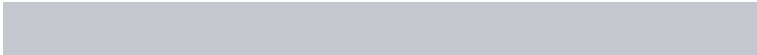
57.0388, 0.3201, 0.3375



57.0388, 0.3061, 0.3312

Rectangle

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



57.0388, 0.3054, 0.3206



57.0388, 0.3131, 0.3220



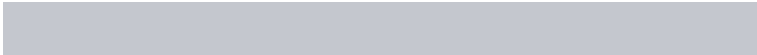
57.0388, 0.3201, 0.3375



57.0388, 0.3123, 0.3362

Sweetspot

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



57.0412, 0.3054, 0.3206



98.3818, 0.3112, 0.3273



60.1961, 0.3073, 0.3325



21.0748, 0.3113, 0.3274



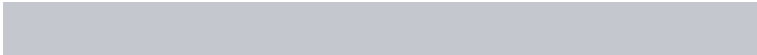
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.0412, 0.3054, 0.3206



90.5453, 0.3035, 0.3184



55.9587, 0.3070, 0.3171



11.9311, 0.3027, 0.3175



4.9659, 0.1613, 0.1005



0.3897, 0.1724, 0.1405

Inverse Universe

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



56.7389, 0.3185, 0.3255



89.9506, 0.3200, 0.3246



60.9694, 0.3183, 0.3408



11.8468, 0.3207, 0.3242



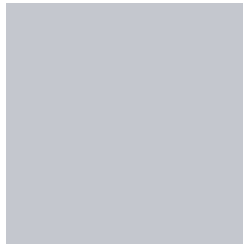
8.3043, 0.5752, 0.2942



0.4419, 0.5184, 0.2629

Previews

White Background



This preview shows how the Yxy color 57.0388, 0.3054, 0.3206 looks on a white background.

Color Contrast Check

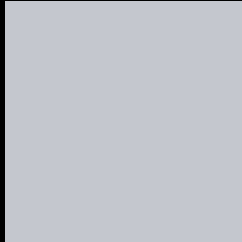
Large Text (above 18pt) WCAG AA × Fail

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 57.0388, 0.3054, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

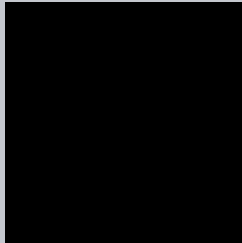
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

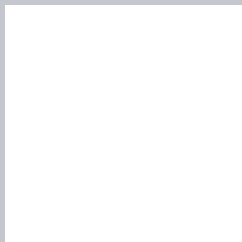
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0388, 0.3054, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 57.0388, 0.3054, 0.3206.

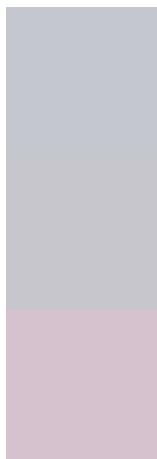


This preview shows how white text looks on a background with the Yxy color 57.0388, 0.3054, 0.3206.

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

57.0388, 0.3054, 0.3206

Protanopia

57.0753, 0.3092, 0.3207

Deuteranopia

56.9411, 0.3191, 0.3129



Tritanopia

57.0626, 0.3012, 0.3112

Trichromacy



Original Color

57.0388, 0.3054, 0.3206

Protanomaly

56.9381, 0.3084, 0.3207

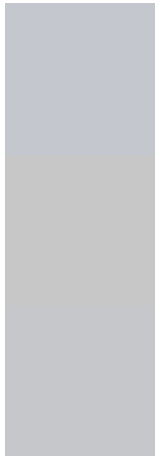
Deuteranomaly

56.8006, 0.3134, 0.3150

Tritanomaly

56.9116, 0.3033, 0.3147

Monochromacy



Original Color

57.0388, 0.3054, 0.3206

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1169, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0388, 0.3054, 0.3206 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(196, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 206)  
}
```

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(196, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.0388, 0.3054, 0.3206 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(196, 199, 206) }
```

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

```
.border{ border-color:rgb(196, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0388, 0.3054, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 206) }
```

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

```
.background{ background-color: rgb(196,  
199, 206) }
```

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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