

Converting Colors

$Yxy(56.7240, 0.3046, 0.3218)$

Have a look what the booklet for
Yxy(56.7240, 0.3046, 0.3218)
contains.

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Color

Yxy(56.7240, 0.3046, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C2C7CD
RGB	194, 199, 205
RGB Percent	76%, 78%, 80%
CMY	0.2391, 0.2196, 0.1962
CMYK	0.05, 0.03, 0.00, 0.20
HSL	213°, 10%, 78%
HSV	213°, 5%, 80%
XYZ	53.6921, 56.7240, 65.8548
YIQ	198.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

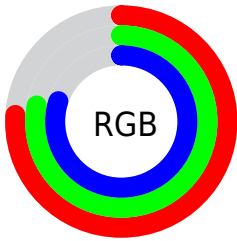
Format	Color
RYB	194, 197, 205
Decimal	12765133
CIELab	80.02, -0.57, -3.58
CIELCh	80, 3.623, 260.954
Yxy	56.7240, 0.3046, 0.3218
Android (android.graphics.Color)	4290955213 (0xFFC2C7CD)
YUV	198.1890, 3.3578, -3.6738
Hunter-Lab	75.3153, -4.5496, 0.8783

Details

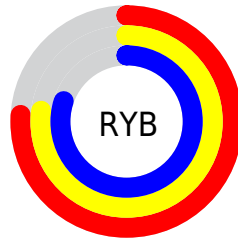
The Yxy color **56.7240, 0.3046, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1746, 0.3210, 0.3361**, and the grayscale version is **56.5765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **28.0606, 0.3018, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **49.2435, 0.2888, 0.3071**, and if you desaturate by 10%, it is **64.9610, 0.3196, 0.3349**.

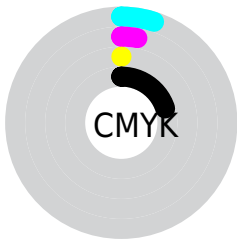
Distribution



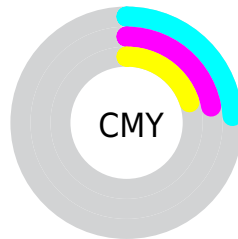
- Red (76%)
- Green (78%)
- Blue (80%)



- Red (76%)
- Yellow (77%)
- Blue (80%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7240, 0.3046, 0.3218 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 56.7240, 0.3046, 0.3218 by changing the saturation by 10% instead.

■ 56.7240, 0.3046,
0.3218

■ 56.7240, 0.3046,
0.3218

412.4143, 0.3085,
0.3253

■ 40.7837, 0.3037,
0.3210

■ 100.0624, 0.3060,
0.3230

■ 28.1501, 0.3025,
0.3199

128.2292, 0.3065,
0.3235

■ 18.4388, 0.3009,
0.3185

161.2403, 0.3070,
0.3239

■ 11.2655, 0.2988,
0.3166

199.4802, 0.3074,
0.3243

■ 6.2457, 0.2958,
0.3140

243.3331, 0.3077,
0.3246

■ 2.9951, 0.2912,
0.3098

293.1835, 0.3080,

■ 1.1292, 0.2831,

0.3248

349.4157, 0.3083,
0.3251

0.3024

0.0027, 0.0000,
0.0104

0.0000, 0.0000,
0.0000

56.7240, 0.3046,
0.3218

56.7240, 0.3046,
0.3218

49.2435, 0.2888,
0.3071

64.9610, 0.3196,
0.3349

42.4890, 0.2724,
0.2907

73.9694, 0.3337,
0.3465

36.4383, 0.2557,
0.2728

83.6751, 0.3465,
0.3568

31.0653, 0.2391,
0.2535

90.1863, 0.3444,
0.3675

■ 26.3421, 0.2231,
0.2330

■ 97.1051, 0.3424,
0.3780

■ 22.2381, 0.2083,
0.2118

■ 97.1862, 0.3424,
0.3781

■ 18.7201, 0.1951,
0.1906

■ 15.7504, 0.1843,
0.1699

■ 13.2846, 0.1760,
0.1504

Harmonies

Analogous

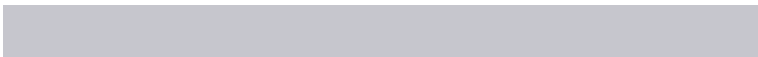
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.7240, 0.3035, 0.3247



56.7240, 0.3046, 0.3218



56.7240, 0.3079, 0.3209

Triad

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



56.7240, 0.3046, 0.3218



56.7240, 0.3207, 0.3292



56.7240, 0.3129, 0.3361

Complementary

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



56.7240, 0.3046, 0.3218



58.1746, 0.3210, 0.3361

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.



56.7240, 0.3176, 0.3373



56.7240, 0.3046, 0.3218



56.7240, 0.3220, 0.3333

Square

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



56.7240, 0.3046, 0.3218



56.7240, 0.3171, 0.3252



56.7240, 0.3209, 0.3362



56.7240, 0.3083, 0.3329

Rectangle

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



56.7240, 0.3046, 0.3218



56.7240, 0.3108, 0.3215



56.7240, 0.3209, 0.3362



56.7240, 0.3146, 0.3367

Sweetspot

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



56.7264, 0.3046, 0.3218



97.2844, 0.3097, 0.3263



59.2831, 0.3080, 0.3351



20.8514, 0.3098, 0.3265



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.



56.7264, 0.3046, 0.3218



92.0059, 0.3035, 0.3208



54.5218, 0.3050, 0.3158



12.1402, 0.3027, 0.3201



7.8289, 0.1735, 0.1444



0.5549, 0.1839, 0.1821

Inverse Universe

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



55.6927, 0.3178, 0.3231



90.0980, 0.3185, 0.3223



60.4657, 0.3202, 0.3419



11.8679, 0.3190, 0.3217



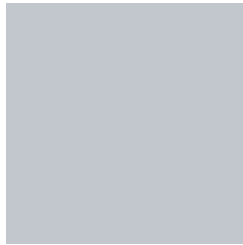
8.5933, 0.5132, 0.2601



0.4586, 0.4661, 0.2341

Previews

White Background



This preview shows how the Yxy color 56.7240, 0.3046, 0.3218 looks on a white background.

Color Contrast Check

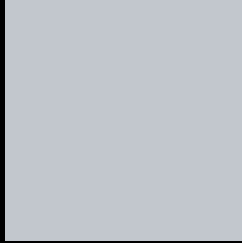
Large Text (above 18pt) WCAG AA × Fail

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 56.7240, 0.3046, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

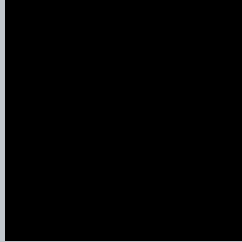
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

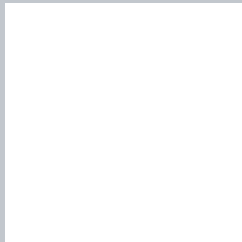
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7240, 0.3046, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 56.7240, 0.3046, 0.3218.

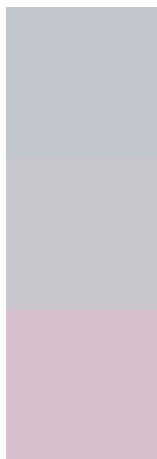


This preview shows how white text looks on a background with the Yxy color 56.7240, 0.3046, 0.3218.

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

56.7240, 0.3046, 0.3218

Protanopia

56.5715, 0.3100, 0.3207

Deuteranopia

56.4516, 0.3199, 0.3129



Tritanopia

56.7944, 0.2997, 0.3111

Trichromacy



Original Color

56.7240, 0.3046, 0.3218

Protanomaly

56.7536, 0.3084, 0.3218

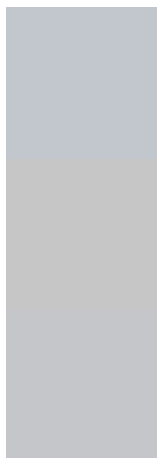
Deuteranomaly

56.7518, 0.3141, 0.3161

Tritanomaly

56.6434, 0.3018, 0.3147

Monochromacy



Original Color

56.7240, 0.3046, 0.3218

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4755, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7240, 0.3046, 0.3218 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(194, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 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(194, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.7240, 0.3046, 0.3218 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(194, 199, 205) }
```

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

```
.border{ border-color:rgb(194, 199, 205) }
```

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

Here you see how a box with a 4 pixel rgb(194, 199, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7240, 0.3046, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 205) }
```

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

```
.background{ background-color: rgb(194,  
199, 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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