

Converting Colors

$Yxy(55.5563, 0.2958, 0.3188)$

Have a look what the booklet for
Yxy(55.5563, 0.2958, 0.3188)
contains.

Yxy(55.5422, 0.2956, 0.3191)	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(55.5422, 0.2956, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	B8C7CF
RGB	184, 199, 207
RGB Percent	72%, 78%, 81%
CMY	0.2785, 0.2196, 0.1881
CMYK	0.11, 0.04, 0.00, 0.19
HSL	201°, 19%, 77%
HSV	201°, 11%, 81%
XYZ	51.4518, 55.5422, 67.0649
YIQ	195.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

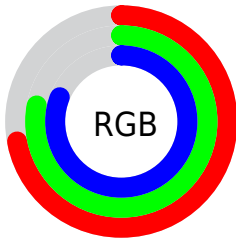
Format	Color
RYB	184, 193, 207
Decimal	12109775
CIELab	79.35, -3.51, -5.77
CIElCh	79, 6.748, 238.700
Yxy	55.5422, 0.2956, 0.3191
Android (android.graphics.Color)	4290299855 (0xFFB8C7CF)
YUV	195.4270, 5.7055, -10.0215
Hunter-Lab	74.5266, -7.1885, -1.1851

Details

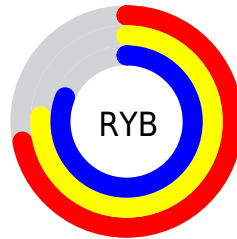
The Yxy color **55.5422, 0.2956, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4323, 0.3313, 0.3387**, and the grayscale version is **54.8116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **27.3760, 0.2911, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **49.9329, 0.2801, 0.3092**, and if you desaturate by 10%, it is **61.6875, 0.3110, 0.3280**.

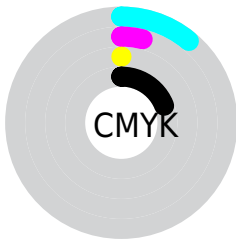
Distribution



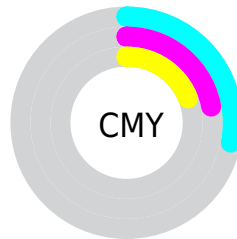
- Red (72%)
- Green (78%)
- Blue (81%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5422, 0.2956, 0.3191 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 55.5422, 0.2956, 0.3191 by changing the saturation by 10% instead.

■ 55.5422, 0.2956,
0.3191

■ 55.5422, 0.2956,
0.3191

407.9639, 0.3039,
0.3240

■ 39.8360, 0.2936,
0.3179

■ 98.3349, 0.2985,
0.3208

■ 27.4107, 0.2911,
0.3164

126.1902, 0.2997,
0.3215

■ 17.8819, 0.2879,
0.3145

158.8640, 0.3006,
0.3221

■ 10.8652, 0.2835,
0.3118

196.7406, 0.3015,
0.3225

■ 5.9763, 0.2772,
0.3079

240.2046, 0.3022,
0.3230

■ 2.8307, 0.2674,
0.3017

289.6402, 0.3028,

■ 1.0440, 0.2505,

0.3233

0.2906

345.4318, 0.3034,
0.3237

0.0000, 0.0000,
0.0000

55.5422, 0.2956,
0.3191

55.5422, 0.2956,
0.3191

49.9329, 0.2801,
0.3092

61.6875, 0.3110,
0.3280

44.8343, 0.2648,
0.2984

68.3791, 0.3260,
0.3361

40.2292, 0.2500,
0.2868

75.6359, 0.3406,
0.3432

36.0964, 0.2361,
0.2744

81.1683, 0.3459,
0.3501

32.4131, 0.2235,
0.2615

85.2145, 0.3446,
0.3571

■ 29.1538, 0.2125,
0.2481

■ 89.4280, 0.3433,
0.3641

■ 26.2899, 0.2034,
0.2347

■ 93.8107, 0.3421,
0.3709

■ 23.7873, 0.1964,
0.2214

■ 97.2869, 0.3411,
0.3760

■ 21.8202, 0.1916,
0.2099

Harmonies

Analogous

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



55.5422, 0.2969, 0.3263



55.5422, 0.2956, 0.3191



55.5422, 0.2988, 0.3147

Triad

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



55.5422, 0.2956, 0.3191



55.5422, 0.3230, 0.3236



55.5422, 0.3197, 0.3444

Complementary

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



55.5422, 0.2956, 0.3191



54.4323, 0.3313, 0.3387

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.



55.5422, 0.3268, 0.3434



55.5422, 0.2956, 0.3191



55.5422, 0.3288, 0.3314

Square

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



55.5422, 0.2956, 0.3191



55.5422, 0.3145, 0.3174



55.5422, 0.3301, 0.3386



55.5422, 0.3108, 0.3411

Rectangle

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



55.5422, 0.2956, 0.3191



55.5422, 0.3030, 0.3138



55.5422, 0.3301, 0.3386



55.5422, 0.3224, 0.3446

Sweetspot

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



55.5445, 0.2956, 0.3191



96.8900, 0.3081, 0.3264



58.6227, 0.3061, 0.3480



20.5635, 0.3068, 0.3257



0.0000, 0.0000, 0.0000



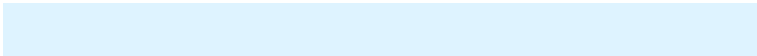
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5445, 0.2956, 0.3191



87.1010, 0.2925, 0.3172



50.5827, 0.2954, 0.3051



12.6852, 0.2983, 0.3207



13.9250, 0.1921, 0.2117



0.9240, 0.1988, 0.2357

Inverse Universe

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



51.6650, 0.3203, 0.3111



79.9216, 0.3218, 0.3078



59.5348, 0.3297, 0.3518



11.9362, 0.3190, 0.3140



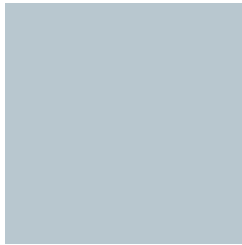
9.4770, 0.4322, 0.2155



0.5446, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 55.5422, 0.2956, 0.3191 looks on a white background.

Color Contrast Check

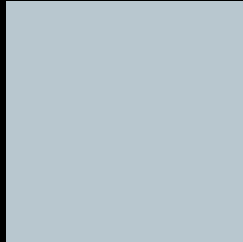
Large Text (above 18pt) WCAG AA × Fail

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 55.5422, 0.2956, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

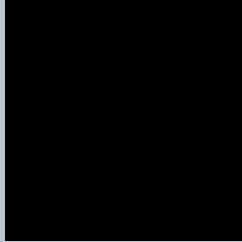
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

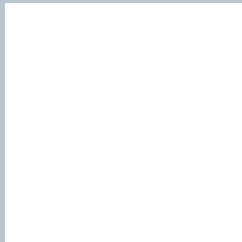
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5422, 0.2956, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 55.5422, 0.2956, 0.3191.

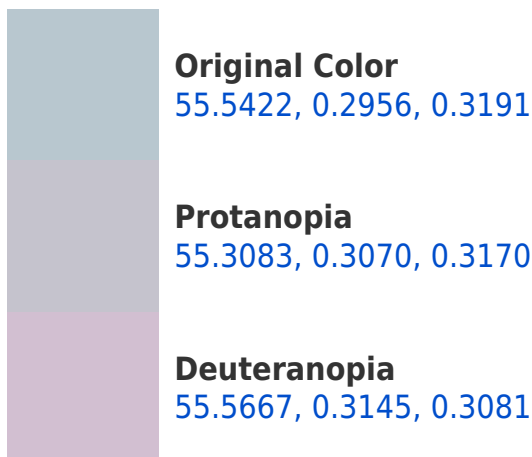


This preview shows how white text looks on a background with the Yxy color 55.5422, 0.2956, 0.3191.

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





Tritanopia

55.5575, 0.2916, 0.3095

Trichromacy



Original Color

55.5422, 0.2956, 0.3191

Protanomaly

55.1426, 0.3024, 0.3169

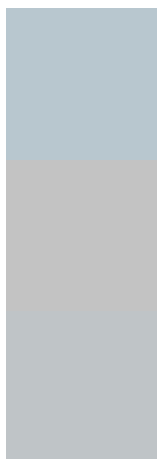
Deuteranomaly

55.5551, 0.3080, 0.3124

Tritanomaly

55.4056, 0.2936, 0.3131

Monochromacy



Original Color

55.5422, 0.2956, 0.3191

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6797, 0.3066, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5422, 0.2956, 0.3191 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(184, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 207)  
}
```

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(184, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 207) }
```

Border

The CSS property to change the border of an element to Yxy 55.5422, 0.2956, 0.3191 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(184, 199, 207) }
```

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

```
.border{ border-color:rgb(184, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5422, 0.2956, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 207) }
```

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

```
.background{ background-color: rgb(184,  
199, 207) }
```

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