

Converting Colors

Yxy(58.4497, 0.2955, 0.3108)

Have a look what the booklet for
Yxy(58.4497, 0.2955, 0.3108)
contains.

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Color

Yxy(58.5883, 0.2956, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	C1CAD9
RGB	193, 202, 217
RGB Percent	76%, 79%, 85%
CMY	0.2429, 0.2079, 0.1490
CMYK	0.11, 0.07, 0.00, 0.15
HSL	218°, 24%, 80%
HSV	218°, 11%, 85%
XYZ	55.6514, 58.5883, 74.0261
YIQ	201.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

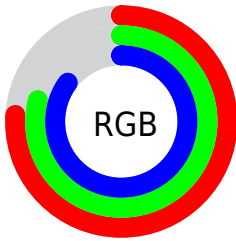
Format	Color
R_{YB}	193, 200, 217
Decimal	12700377
CIE _{Lab}	81.06, -0.09, -8.51
CIE _{LCh}	81, 8.509, 269.409
Yxy	58.5883, 0.2956, 0.3112
Android (android.graphics.Color)	4290890457 (0xFFC1CAD9)
YUV	201.0190, 7.8786, -7.0327
Hunter-Lab	76.5430, -4.1700, -3.7603

Details

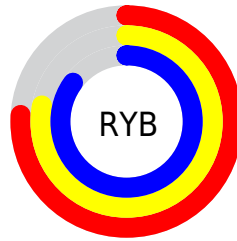
The Yxy color **58.5883, 0.2956, 0.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7656, 0.3303, 0.3462**, and the grayscale version is **58.3839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **29.2774, 0.2910, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **49.8315, 0.2791, 0.2930**, and if you desaturate by 10%, it is **68.3328, 0.3112, 0.3274**.

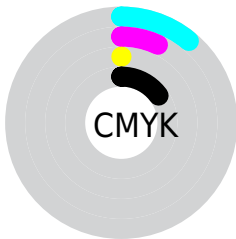
Distribution



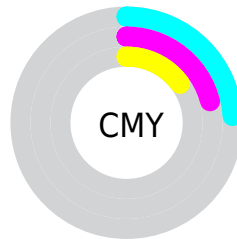
- Red (76%)
- Green (79%)
- Blue (85%)



- Red (76%)
- Yellow (78%)
- Blue (85%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5883, 0.2956, 0.3112 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 58.5883, 0.2956, 0.3112 by changing the saturation by 10% instead.

■ 58.5883, 0.2956,
0.3112

■ 58.5883, 0.2956,
0.3112

419.3745, 0.3038,
0.3197

■ 42.2818, 0.2936,
0.3092

■ 102.7791, 0.2985,
0.3142

■ 29.3220, 0.2912,
0.3066

131.4321, 0.2996,
0.3154

■ 19.3245, 0.2880,
0.3033

164.9695, 0.3006,
0.3164

■ 11.9050, 0.2838,
0.2989

203.7755, 0.3014,
0.3172

■ 6.6790, 0.2777,
0.2926

248.2346, 0.3021,
0.3180

■ 3.2622, 0.2686,
0.2830

298.7312, 0.3027,

■ 1.2701, 0.2530,

0.3186

0.2668

355.6497, 0.3033,
0.3192

0.1179, 0.1156,
0.1240

0.0000, 0.0000,
0.0000

58.5883, 0.2956,
0.3112

58.5883, 0.2956,
0.3112

49.8315, 0.2791,
0.2930

68.3328, 0.3112,
0.3274

42.0223, 0.2619,
0.2729

79.0886, 0.3257,
0.3418

35.1287, 0.2443,
0.2510

90.2807, 0.3369,
0.3546

29.1136, 0.2269,
0.2277

97.7902, 0.3351,
0.3661

■ 23.9375, 0.2103,
0.2035

■ 19.5570, 0.1952,
0.1791

■ 15.9243, 0.1824,
0.1556

■ 12.9843, 0.1724,
0.1339

■ 10.8645, 0.1657,
0.1165

Harmonies

Analogous

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



58.5883, 0.2916, 0.3165



58.5883, 0.2956, 0.3112



58.5883, 0.3042, 0.3106

Triad

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



58.5883, 0.2956, 0.3112



58.5883, 0.3327, 0.3321



58.5883, 0.3100, 0.3439

Complementary

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



58.5883, 0.2956, 0.3112



63.7656, 0.3303, 0.3462

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.



58.5883, 0.3210, 0.3481



58.5883, 0.2956, 0.3112



58.5883, 0.3343, 0.3410

Square

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



58.5883, 0.2956, 0.3112



58.5883, 0.3257, 0.3226



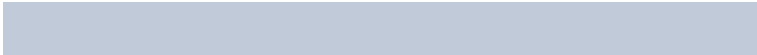
58.5883, 0.3300, 0.3470



58.5883, 0.2998, 0.3355

Rectangle

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



58.5883, 0.2956, 0.3112



58.5883, 0.3114, 0.3129



58.5883, 0.3300, 0.3470



58.5883, 0.3137, 0.3459

Sweetspot

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



58.5908, 0.2956, 0.3112



95.5523, 0.3081, 0.3243



65.5230, 0.3017, 0.3397



20.2025, 0.3069, 0.3231



0.0000, 0.0000, 0.0000



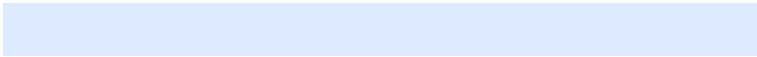
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5908, 0.2956, 0.3112



81.6810, 0.2922, 0.3076



54.8998, 0.2976, 0.3006



13.4074, 0.2981, 0.3139



6.7627, 0.1664, 0.1192



0.6001, 0.1756, 0.1521

Inverse Universe

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



57.1885, 0.3254, 0.3188



79.3745, 0.3281, 0.3168



67.8123, 0.3270, 0.3562



13.1313, 0.3234, 0.3203



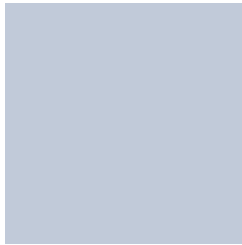
9.3065, 0.5478, 0.2792



0.6193, 0.5033, 0.2546

Previews

White Background



This preview shows how the Yxy color 58.5883, 0.2956, 0.3112 looks on a white background.

Color Contrast Check

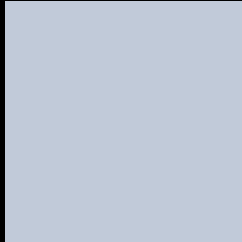
Large Text (above 18pt) WCAG AA × Fail

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 58.5883, 0.2956, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

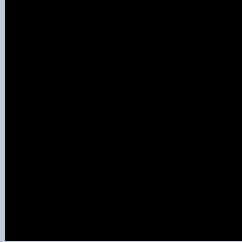
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

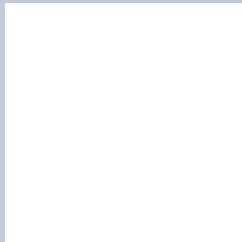
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5883, 0.2956, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 58.5883, 0.2956, 0.3112.

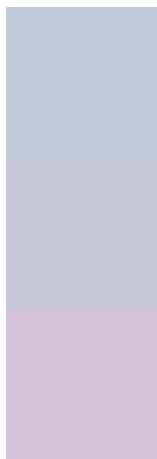


This preview shows how white text looks on a background with the Yxy color 58.5883, 0.2956, 0.3112.

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

58.5883, 0.2956, 0.3112

Protanopia

58.5458, 0.3014, 0.3103

Deuteranopia

58.2383, 0.3100, 0.3029



Tritanopia

58.6405, 0.2949, 0.3101

Trichromacy



Original Color

58.5883, 0.2956, 0.3112

Protanomaly

58.6015, 0.2992, 0.3113

Deuteranomaly

58.5719, 0.3046, 0.3060

Tritanomaly

58.6405, 0.2949, 0.3101

Monochromacy



Original Color

58.5883, 0.2956, 0.3112

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2840, 0.3061, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5883, 0.2956, 0.3112 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(193, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 217)  
}
```

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(193, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 58.5883, 0.2956, 0.3112 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(193, 202, 217) }
```

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

```
.border{ border-color:rgb(193, 202, 217) }
```

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

Here you see how a box with a 4 pixel rgb(193, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5883, 0.2956, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 217) }
```

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

```
.background{ background-color: rgb(193,  
202, 217) }
```

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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