

Converting Colors

$Yxy(55.9941, 0.2896, 0.3154)$

Have a look what the booklet for
Yxy(55.9941, 0.2896, 0.3154)
contains.

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Color

Yxy(56.2301, 0.2894, 0.3155)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4C9D4 |
| RGB | 180, 201, 212 |
| RGB Percent | 71%, 79%, 83% |
| CMY | 0.2944, 0.2117, 0.1687 |
| CMYK | 0.15, 0.05, 0.00, 0.17 |
| HSL | 201°, 27%, 77% |
| HSV | 201°, 15%, 83% |
| XYZ | 51.5784, 56.2301, 70.4168 |
| YIQ | 195.9750, -16.0470, -1.0310 |

Conversions

Conversions Part 2

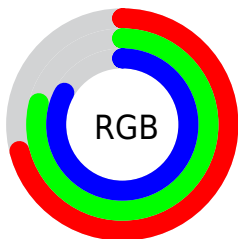
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 180, 193, 212 |
| Decimal | 11848148 |
| CIE Lab | 79.74, -4.86, -7.88 |
| CIE LCh | 80, 9.258, 238.324 |
| Yxy | 56.2301, 0.2894, 0.3155 |
| Android (android.graphics.Color) | 4290038228 (0xFFB4C9D4) |
| YUV | 195.9750, 7.9003, -14.0101 |
| Hunter-Lab | 74.9867, -8.4484, -3.1860 |

Details

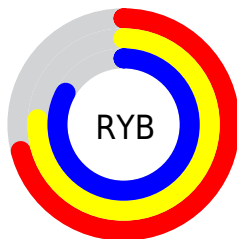
The Yxy color **56.2301, 0.2894, 0.3155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5026, 0.3389, 0.3421**, and the grayscale version is **55.1390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **27.8138, 0.2839, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **50.5795, 0.2740, 0.3054**, and if you desaturate by 10%, it is **62.4340, 0.3049, 0.3247**.

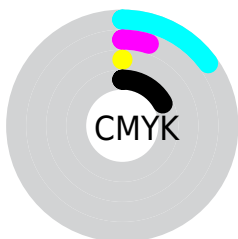
Distribution



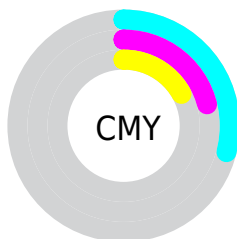
- Red (71%)
- Green (79%)
- Blue (83%)



- Red (71%)
- Yellow (76%)
- Blue (83%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2301, 0.2894, 0.3155 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 56.2301, 0.2894, 0.3155 by changing the saturation by 10% instead.

■ 56.2301, 0.2894,
0.3155

■ 56.2301, 0.2894,
0.3155

410.5581, 0.3006,
0.3221

■ 40.3874, 0.2867,
0.3139

■ 99.3409, 0.2934,
0.3179

■ 27.8408, 0.2834,
0.3118

127.3779, 0.2949,
0.3188

■ 18.2057, 0.2790,
0.3092

160.2484, 0.2962,
0.3195

■ 11.0977, 0.2731,
0.3055

198.3369, 0.2973,
0.3202

■ 6.1326, 0.2648,
0.3002

242.0277, 0.2983,
0.3208

■ 2.9259, 0.2520,
0.2919

291.7052, 0.2992,

■ 1.0932, 0.2303,

0.3213

0.2771

347.7539, 0.2999,
0.3217

0.0000, 0.0000,
0.0000

56.2301, 0.2894,
0.3155

56.2301, 0.2894,
0.3155

50.5795, 0.2740,
0.3054

62.4340, 0.3049,
0.3247

45.4554, 0.2588,
0.2945

69.2028, 0.3201,
0.3329

40.8390, 0.2444,
0.2827

76.5565, 0.3349,
0.3403

36.7072, 0.2310,
0.2703

82.6213, 0.3421,
0.3472

33.0350, 0.2191,
0.2574

86.7416, 0.3410,
0.3543

■ 29.7944, 0.2089,
0.2443

■ 91.0318, 0.3398,
0.3612

■ 26.9530, 0.2008,
0.2311

■ 95.4938, 0.3387,
0.3681

■ 24.4719, 0.1947,
0.2182

■ 97.5331, 0.3382,
0.3711

■ 23.3609, 0.1922,
0.2119

Harmonies

Analogous

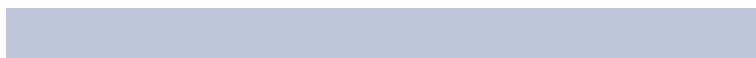
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2301, 0.2913, 0.3254



56.2301, 0.2894, 0.3155



56.2301, 0.2936, 0.3095

Triad

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



56.2301, 0.2894, 0.3155



56.2301, 0.3266, 0.3215



56.2301, 0.3223, 0.3502

Complementary

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



56.2301, 0.2894, 0.3155



54.5026, 0.3389, 0.3421

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.



56.2301, 0.3320, 0.3487



56.2301, 0.2894, 0.3155



56.2301, 0.3346, 0.3320

Square

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



56.2301, 0.2894, 0.3155



56.2301, 0.3150, 0.3131



56.2301, 0.3366, 0.3419



56.2301, 0.3101, 0.3457

Rectangle

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



56.2301, 0.2894, 0.3155



56.2301, 0.2993, 0.3084



56.2301, 0.3366, 0.3419



56.2301, 0.3260, 0.3503

Sweetspot

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



56.2324, 0.2894, 0.3155



94.9108, 0.3050, 0.3247



60.5223, 0.3037, 0.3555



20.1655, 0.3039, 0.3241



0.0000, 0.0000, 0.0000



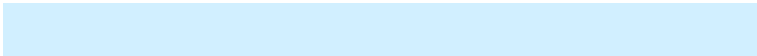
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2324, 0.2894, 0.3155



82.7000, 0.2847, 0.3125



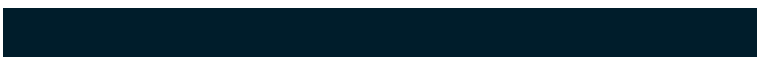
49.2579, 0.2887, 0.2957



13.3593, 0.2982, 0.3208



14.6156, 0.1927, 0.2138



1.0326, 0.1989, 0.2360

Inverse Universe

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



50.8261, 0.3232, 0.3042



73.1599, 0.3257, 0.2990



61.7436, 0.3362, 0.3603



12.5572, 0.3189, 0.3138



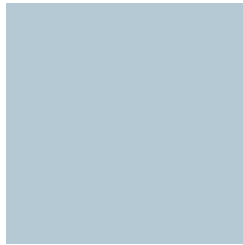
9.8203, 0.4300, 0.2142



0.6076, 0.4064, 0.2013

Previews

White Background



This preview shows how the Yxy color 56.2301, 0.2894, 0.3155 looks on a white background.

Color Contrast Check

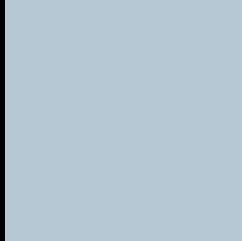
Large Text (above 18pt) WCAG AA × Fail

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 56.2301, 0.2894, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

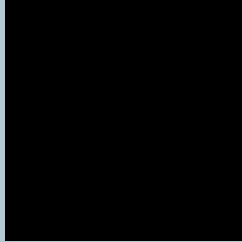
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

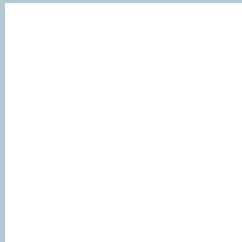
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2301, 0.2894, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 56.2301, 0.2894, 0.3155.

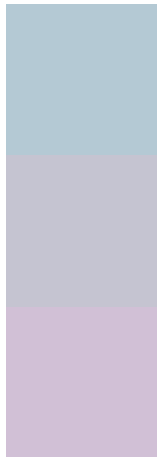


This preview shows how white text looks on a background with the Yxy color 56.2301, 0.2894, 0.3155.

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

56.2301, 0.2894, 0.3155

Protanopia

55.9536, 0.3041, 0.3135

Deuteranopia

56.1096, 0.3099, 0.3036



Tritanopia

56.0902, 0.2875, 0.3095

Trichromacy



Original Color

56.2301, 0.2894, 0.3155

Protanomaly

56.1177, 0.2988, 0.3145

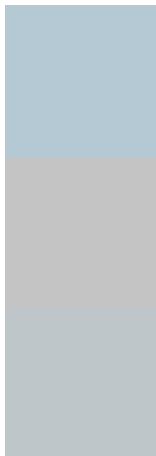
Deuteranomaly

55.8401, 0.3020, 0.3077

Tritanomaly

56.0386, 0.2881, 0.3107

Monochromacy



Original Color

56.2301, 0.2894, 0.3155

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5996, 0.3036, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2301, 0.2894, 0.3155 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(180, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 212)  
}
```

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(180, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.2301, 0.2894, 0.3155 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(180, 201, 212) }
```

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

```
.border{ border-color:rgb(180, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2301, 0.2894, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 212) }
```

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

```
.background{ background-color: rgb(180,  
201, 212) }
```

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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