

Converting Colors

$Yxy(56.6813, 0.2915, 0.3195)$

Have a look what the booklet for
Yxy(56.6813, 0.2915, 0.3195)
contains.

Yxy(56.7180, 0.2915, 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(56.7180, 0.2915, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	B5CAD2
RGB	181, 202, 210
RGB Percent	71%, 79%, 82%
CMY	0.2902, 0.2078, 0.1763
CMYK	0.14, 0.04, 0.00, 0.18
HSL	197°, 24%, 77%
HSV	197°, 14%, 82%
XYZ	51.8123, 56.7180, 69.2134
YIQ	196.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

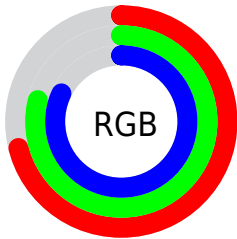
Format	Color
RYB	181, 193, 210
Decimal	11913938
CIELab	80.02, -5.44, -6.41
CIELCh	80, 8.406, 229.708
Yxy	56.7180, 0.2915, 0.3191
Android (android.graphics.Color)	4290104018 (0xFFB5CAD2)
YUV	196.6330, 6.5899, -13.7101
Hunter-Lab	75.3114, -8.9915, -1.7713

Details

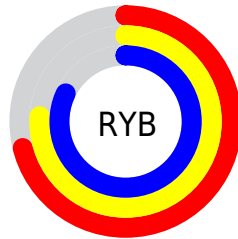
The Yxy color **56.7180, 0.2915, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4527, 0.3367, 0.3387**, and the grayscale version is **55.5705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **28.1693, 0.2858, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **51.6935, 0.2763, 0.3111**, and if you desaturate by 10%, it is **62.2328, 0.3069, 0.3264**.

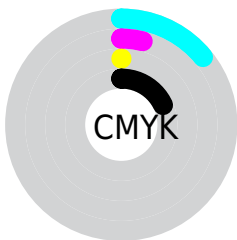
Distribution



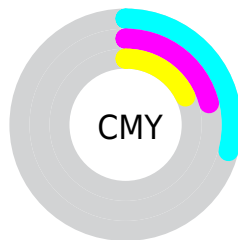
- Red (71%)
- Green (79%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7180, 0.2915, 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 56.7180, 0.2915, 0.3191 by changing the saturation by 10% instead.

■ 56.7180, 0.2915,
0.3191

■ 56.7180, 0.2915,
0.3191

412.3918, 0.3017,
0.3240

■ 40.7789, 0.2891,
0.3179

■ 100.0536, 0.2951,
0.3208

■ 28.1463, 0.2860,
0.3164

128.2189, 0.2965,
0.3215

■ 18.4360, 0.2820,
0.3144

161.2283, 0.2977,
0.3221

■ 11.2635, 0.2767,
0.3117

199.4663, 0.2987,
0.3226

■ 6.2443, 0.2691,
0.3078

243.3172, 0.2996,
0.3230

■ 2.9942, 0.2576,
0.3016

293.1655, 0.3004,

■ 1.1287, 0.2377,

0.3233

0.2903

349.3956, 0.3011,
0.3237

0.0023, 0.0000,
0.0051

0.0000, 0.0000,
0.0000

56.7180, 0.2915,
0.3191

56.7180, 0.2915,
0.3191

51.6935, 0.2763,
0.3111

62.2328, 0.3069,
0.3264

47.1339, 0.2616,
0.3024

68.2478, 0.3221,
0.3330

43.0221, 0.2478,
0.2931

74.7815, 0.3371,
0.3389

39.3369, 0.2351,
0.2833

79.9007, 0.3443,
0.3444

■ 36.0554, 0.2238,
0.2731

■ 83.1016, 0.3433,
0.3502

■ 33.1514, 0.2144,
0.2627

■ 86.4105, 0.3423,
0.3558

■ 30.5954, 0.2069,
0.2523

■ 89.8285, 0.3413,
0.3614

■ 28.3516, 0.2015,
0.2419

■ 93.3566, 0.3404,
0.3670

■ 27.0846, 0.1988,
0.2356

■ 96.9958, 0.3395,
0.3724

Harmonies

Analogous

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



56.7180, 0.2948, 0.3287



56.7180, 0.2915, 0.3191



56.7180, 0.2938, 0.3125

Triad

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



56.7180, 0.2915, 0.3191



56.7180, 0.3225, 0.3198



56.7180, 0.3243, 0.3483

Complementary

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



56.7180, 0.2915, 0.3191



53.4527, 0.3367, 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.



56.7180, 0.3320, 0.3455



56.7180, 0.2915, 0.3191



56.7180, 0.3309, 0.3290

Square

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



56.7180, 0.2915, 0.3191



56.7180, 0.3115, 0.3130



56.7180, 0.3344, 0.3383



56.7180, 0.3136, 0.3458

Rectangle

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



56.7180, 0.2915, 0.3191



56.7180, 0.2981, 0.3105



56.7180, 0.3344, 0.3383



56.7180, 0.3273, 0.3479

Sweetspot

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



56.7204, 0.2915, 0.3191



96.3289, 0.3065, 0.3262



59.5981, 0.3058, 0.3555



20.4736, 0.3053, 0.3257



0.0000, 0.0000, 0.0000



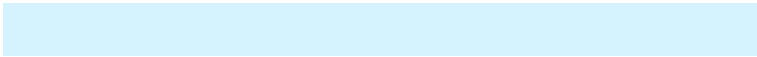
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7204, 0.2915, 0.3191



85.2689, 0.2864, 0.3165



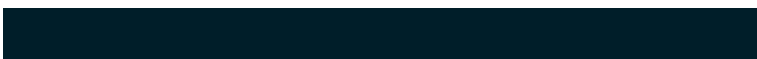
50.3481, 0.2910, 0.3013



12.8308, 0.2983, 0.3224



16.6909, 0.1992, 0.2371



1.0626, 0.2044, 0.2560

Inverse Universe

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



51.0182, 0.3207, 0.3043



74.6435, 0.3229, 0.2980



59.8788, 0.3343, 0.3553



11.9509, 0.3179, 0.3123



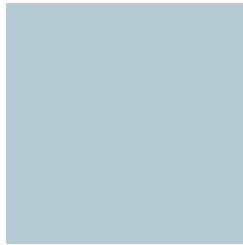
9.7562, 0.4052, 0.2006



0.5586, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 56.7180, 0.2915, 0.3191 looks on a white background.

Color Contrast Check

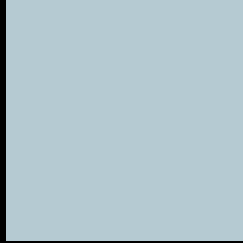
Large Text (above 18pt) WCAG AA × Fail

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 56.7180, 0.2915, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

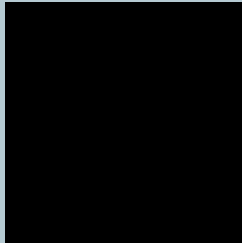
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

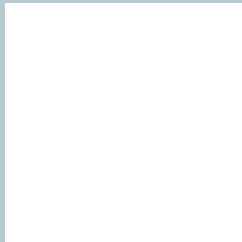
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7180, 0.2915, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 56.7180, 0.2915, 0.3191.



This preview shows how white text looks on a background with the Yxy color 56.7180, 0.2915, 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



Original Color

56.7180, 0.2915, 0.3191

Protanopia

56.5796, 0.3070, 0.3171

Deuteranopia

56.3016, 0.3130, 0.3060



Tritanopia

56.7281, 0.2876, 0.3096

Trichromacy



Original Color

56.7180, 0.2915, 0.3191

Protanomaly

56.6074, 0.3009, 0.3181

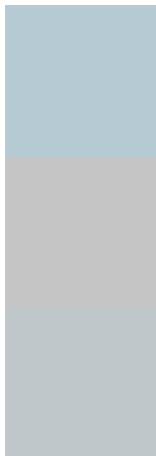
Deuteranomaly

56.4624, 0.3050, 0.3113

Tritanomaly

56.5734, 0.2896, 0.3131

Monochromacy



Original Color

56.7180, 0.2915, 0.3191

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1875, 0.3044, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7180, 0.2915, 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(181, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 210)  
}
```

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(181, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.7180, 0.2915, 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(181, 202, 210) }
```

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

```
.border{ border-color:rgb(181, 202, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 202, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 202,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7180, 0.2915, 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(181, 202, 210) }
```

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

```
.background{ background-color: rgb(181,  
202, 210) }
```

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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