

Converting Colors

$Y_{xy}(57.1124, 0.2910, 0.3156)$

Have a look what the booklet for
Yxy(57.1124, 0.2910, 0.3156)
contains.

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Color

Yxy(57.1124, 0.2910, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAD5
RGB	183, 202, 213
RGB Percent	72%, 79%, 84%
CMY	0.2823, 0.2078, 0.1647
CMYK	0.14, 0.05, 0.00, 0.16
HSL	202°, 26%, 78%
HSV	202°, 14%, 84%
XYZ	52.6607, 57.1124, 71.1914
YIQ	197.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

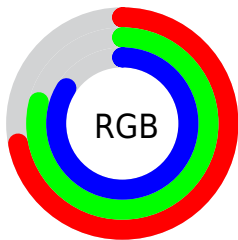
Format	Color
RYB	183, 195, 213
Decimal	12045013
CIELab	80.24, -4.18, -7.65
CIELCh	80, 8.717, 241.376
Yxy	57.1124, 0.2910, 0.3156
Android (android.graphics.Color)	4290235093 (0xFFB7CAD5)
YUV	197.5730, 7.6055, -12.7805
Hunter-Lab	75.5727, -7.8698, -2.9518

Details

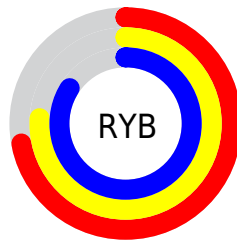
The Yxy color **57.1124, 0.2910, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1501, 0.3367, 0.3420**, and the grayscale version is **56.1616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.3943, 0.2859, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **51.1251, 0.2754, 0.3049**, and if you desaturate by 10%, it is **63.6851, 0.3065, 0.3253**.

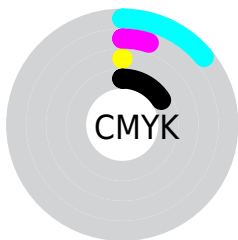
Distribution



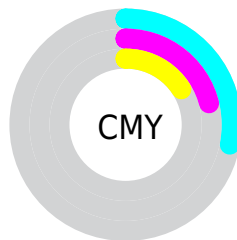
- Red (72%)
- Green (79%)
- Blue (84%)



- Red (72%)
- Yellow (76%)
- Blue (84%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1124, 0.2910, 0.3156 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 57.1124, 0.2910, 0.3156 by changing the saturation by 10% instead.

■ 57.1124, 0.2910,
0.3156

■ 57.1124, 0.2910,
0.3156

413.8704, 0.3014,
0.3221

■ 41.0955, 0.2885,
0.3140

■ 100.6292, 0.2947,
0.3179

■ 28.3937, 0.2854,
0.3120

128.8978, 0.2961,
0.3188

■ 18.6227, 0.2814,
0.3094

162.0192, 0.2973,
0.3196

■ 11.3979, 0.2759,
0.3058

200.3776, 0.2984,
0.3202

■ 6.3352, 0.2682,
0.3007

244.3576, 0.2993,
0.3208

■ 3.0499, 0.2565,
0.2927

294.3434, 0.3001,

■ 1.1579, 0.2366,

0.3213

0.2786

350.7196, 0.3008,
0.3217

0.0269, 0.0000,
0.0455

0.0000, 0.0000,
0.0000

57.1124, 0.2910,
0.3156

57.1124, 0.2910,
0.3156

51.1251, 0.2754,
0.3049

63.6851, 0.3065,
0.3253

45.6957, 0.2601,
0.2932

70.8552, 0.3217,
0.3341

40.8048, 0.2453,
0.2806

78.6435, 0.3363,
0.3418

36.4287, 0.2315,
0.2673

84.4746, 0.3410,
0.3493

■ 32.5417, 0.2190,
0.2534

■ 88.9998, 0.3397,
0.3569

■ 29.1153, 0.2083,
0.2393

■ 93.7233, 0.3385,
0.3643

■ 26.1167, 0.1995,
0.2251

■ 97.5836, 0.3376,
0.3701

■ 23.5069, 0.1929,
0.2111

■ 22.1054, 0.1897,
0.2030

Harmonies

Analogous

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



57.1124, 0.2922, 0.3246



57.1124, 0.2910, 0.3156



57.1124, 0.2955, 0.3104

Triad

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



57.1124, 0.2910, 0.3156



57.1124, 0.3267, 0.3230



57.1124, 0.3206, 0.3486

Complementary

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



57.1124, 0.2910, 0.3156



56.1501, 0.3367, 0.3420

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.



57.1124, 0.3301, 0.3478



57.1124, 0.2910, 0.3156



57.1124, 0.3337, 0.3328

Square

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



57.1124, 0.2910, 0.3156



57.1124, 0.3160, 0.3147



57.1124, 0.3349, 0.3419



57.1124, 0.3091, 0.3439

Rectangle

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



57.1124, 0.2910, 0.3156



57.1124, 0.3012, 0.3097



57.1124, 0.3349, 0.3419



57.1124, 0.3241, 0.3490

Sweetspot

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



57.1148, 0.2910, 0.3156



95.7538, 0.3065, 0.3254



61.5257, 0.3040, 0.3529



20.3279, 0.3054, 0.3247



0.0000, 0.0000, 0.0000



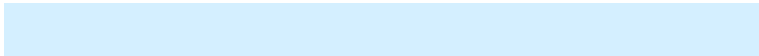
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1148, 0.2910, 0.3156



82.9611, 0.2862, 0.3124



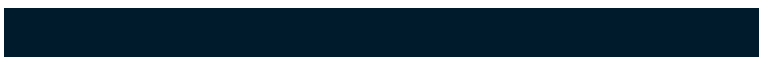
50.6316, 0.2904, 0.2975



13.3067, 0.2982, 0.3202



13.7052, 0.1903, 0.2050



0.9820, 0.1969, 0.2288

Inverse Universe

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



52.2829, 0.3230, 0.3068



74.4105, 0.3256, 0.3018



62.9172, 0.3344, 0.3586



12.5519, 0.3193, 0.3143



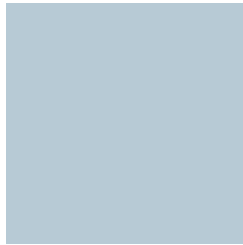
9.7284, 0.4397, 0.2196



0.6025, 0.4139, 0.2054

Previews

White Background



This preview shows how the Yxy color 57.1124, 0.2910, 0.3156 looks on a white background.

Color Contrast Check

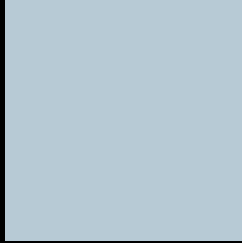
Large Text (above 18pt) WCAG AA × Fail

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 57.1124, 0.2910, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

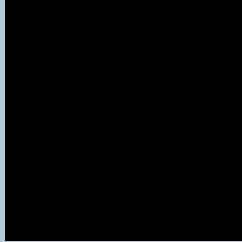
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

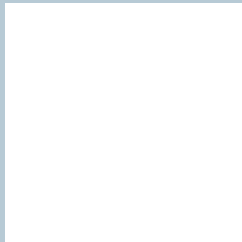
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1124, 0.2910, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 57.1124, 0.2910, 0.3156.



This preview shows how white text looks on a background with the Yxy color 57.1124, 0.2910, 0.3156.

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

57.1124, 0.2910, 0.3156

Protanopia

57.1834, 0.3049, 0.3148

Deuteranopia

56.8951, 0.3107, 0.3038



Tritanopia

56.9734, 0.2890, 0.3097

Trichromacy



Original Color

57.1124, 0.2910, 0.3156

Protanomaly

56.8875, 0.2996, 0.3146

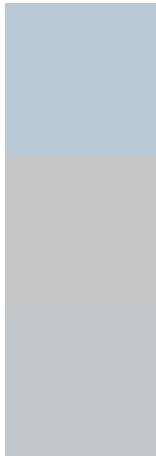
Deuteranomaly

56.7524, 0.3036, 0.3079

Tritanomaly

56.9215, 0.2897, 0.3108

Monochromacy



Original Color

57.1124, 0.2910, 0.3156

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4961, 0.3052, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1124, 0.2910, 0.3156 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(183, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 213)  
}
```

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(183, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.1124, 0.2910, 0.3156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

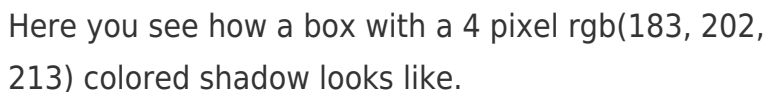
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 202, 213) }
```

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

```
.border{ border-color:rgb(183, 202, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 202, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 202, 213); box-shadow:4px 4px 4px 4px rgb(183, 202, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1124, 0.2910, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 213) }
```

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

```
.background{ background-color: rgb(183,  
202, 213) }
```

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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