

Converting Colors

$Y_{xy}(57.7175, 0.2860, 0.3103)$

Have a look what the booklet for
Yxy(57.7175, 0.2860, 0.3103)
contains.

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Color

Yxy(57.6501, 0.2857, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	B5CBDB
RGB	181, 203, 219
RGB Percent	71%, 80%, 86%
CMY	0.2902, 0.2039, 0.1411
CMYK	0.17, 0.07, 0.00, 0.14
HSL	205°, 35%, 78%
HSV	205°, 17%, 86%
XYZ	53.1997, 57.6501, 75.3585
YIQ	198.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

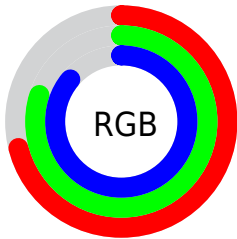
Format	Color
R _Y B	181, 195, 219
Decimal	11914203
CIE Lab	80.54, -4.08, -10.46
CIE LCh	81, 11.223, 248.695
Yxy	57.6501, 0.2857, 0.3096
Android (android.graphics.Color)	4290104283 (0xFFB5CBDB)
YUV	198.2460, 10.2317, -15.1247
Hunter-Lab	75.9277, -7.8050, -5.6962

Details

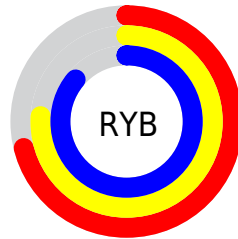
The Yxy color **57.6501, 0.2857, 0.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3413, 0.3428, 0.3477**, and the grayscale version is **56.5757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **28.7644, 0.2791, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **50.9798, 0.2698, 0.2968**, and if you desaturate by 10%, it is **65.0008, 0.3014, 0.3212**.

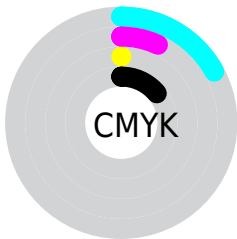
Distribution



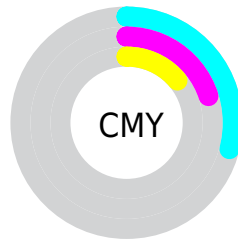
- Red (71%)
- Green (80%)
- Blue (86%)



- Red (71%)
- Yellow (76%)
- Blue (86%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6501, 0.2857, 0.3096 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 57.6501, 0.2857, 0.3096 by changing the saturation by 10% instead.

■ 57.6501, 0.2857,
0.3096

■ 57.6501, 0.2857,
0.3096

415.8809, 0.2986,
0.3190

■ 41.5274, 0.2826,
0.3073

■ 101.4132, 0.2903,
0.3130

■ 28.7314, 0.2788,
0.3045

129.8223, 0.2920,
0.3142

■ 18.8777, 0.2738,
0.3008

163.0957, 0.2935,
0.3153

■ 11.5820, 0.2672,
0.2957

201.6178, 0.2948,
0.3163

■ 6.4597, 0.2578,
0.2885

245.7730, 0.2960,
0.3171

■ 3.1266, 0.2437,
0.2774

295.9456, 0.2970,

■ 1.1982, 0.2202,

0.3178

0.2583

352.5201, 0.2978,
0.3185

0.0602, 0.0000,
0.0703

0.0000, 0.0000,
0.0000

57.6501, 0.2857,
0.3096

57.6501, 0.2857,
0.3096

50.9798, 0.2698,
0.2968

65.0008, 0.3014,
0.3212

44.9590, 0.2541,
0.2829

73.0473, 0.3167,
0.3316

39.5644, 0.2390,
0.2679

81.8132, 0.3314,
0.3409

34.7686, 0.2248,
0.2522

88.6463, 0.3360,
0.3497

■ 30.5412, 0.2121,
0.2359

■ 94.2160, 0.3347,
0.3586

■ 26.8487, 0.2011,
0.2194

■ 97.8958, 0.3339,
0.3641

■ 23.6520, 0.1924,
0.2031

■ 20.9006, 0.1858,
0.1873

■ 20.2288, 0.1842,
0.1832

Harmonies

Analogous

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



57.6501, 0.2854, 0.3201



57.6501, 0.2857, 0.3096



57.6501, 0.2930, 0.3046

Triad

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



57.6501, 0.2857, 0.3096



57.6501, 0.3335, 0.3242



57.6501, 0.3193, 0.3535

Complementary

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



57.6501, 0.2857, 0.3096



58.3413, 0.3428, 0.3477

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.



57.6501, 0.3324, 0.3541



57.6501, 0.2857, 0.3096



57.6501, 0.3408, 0.3369

Square

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



57.6501, 0.2857, 0.3096



57.6501, 0.3205, 0.3130



57.6501, 0.3404, 0.3478



57.6501, 0.3046, 0.3459

Rectangle

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



57.6501, 0.2857, 0.3096



57.6501, 0.3010, 0.3047



57.6501, 0.3404, 0.3478



57.6501, 0.3240, 0.3545

Sweetspot

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



57.6525, 0.2857, 0.3096



94.2818, 0.3050, 0.3237



64.5239, 0.3004, 0.3559



20.0125, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



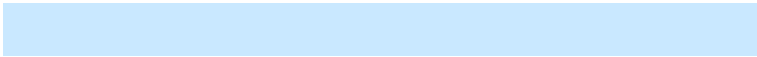
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6525, 0.2857, 0.3096



77.6601, 0.2797, 0.3049



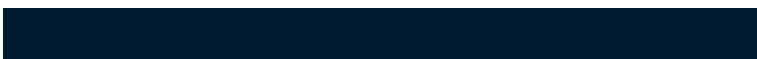
49.2888, 0.2845, 0.2861



13.8624, 0.2982, 0.3189



12.2128, 0.1849, 0.1855



0.9604, 0.1920, 0.2112

Inverse Universe

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



52.4222, 0.3275, 0.3037



69.0945, 0.3314, 0.2979



67.4386, 0.3393, 0.3686



13.1772, 0.3202, 0.3156



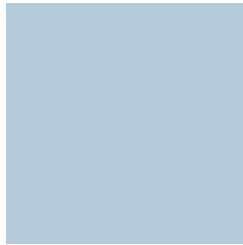
9.8567, 0.4620, 0.2319



0.6556, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 57.6501, 0.2857, 0.3096 looks on a white background.

Color Contrast Check

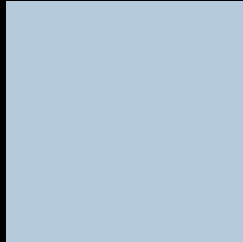
Large Text (above 18pt) WCAG AA × Fail

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 57.6501, 0.2857, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

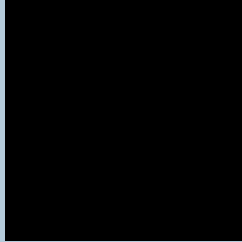
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

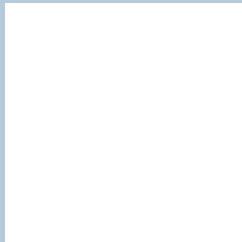
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6501, 0.2857, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 57.6501, 0.2857, 0.3096.



This preview shows how white text looks on a background with the Yxy color 57.6501, 0.2857, 0.3096.

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

57.6501, 0.2857, 0.3096

Protanopia

57.3518, 0.2999, 0.3078

Deuteranopia

57.3593, 0.3048, 0.2981



Tritanopia

57.6501, 0.2857, 0.3096

Trichromacy



Original Color

57.6501, 0.2857, 0.3096

Protanomaly

57.5248, 0.2948, 0.3088

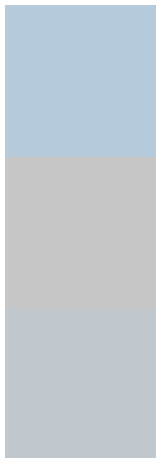
Deuteranomaly

57.2419, 0.2979, 0.3021

Tritanomaly

57.6501, 0.2857, 0.3096

Monochromacy



Original Color

57.6501, 0.2857, 0.3096

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9713, 0.3023, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6501, 0.2857, 0.3096 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 219) }
```

Border

The CSS property to change the border of an element to Yxy 57.6501, 0.2857, 0.3096 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, 203, 219) }
```

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

```
.border{ border-color:rgb(181, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6501, 0.2857, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 219) }
```

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

```
.background{ background-color: rgb(181,  
203, 219) }
```

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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