

Converting Colors

Yxy(57.2113, 0.2838, 0.3104)

Have a look what the booklet for
Yxy(57.2113, 0.2838, 0.3104)
contains.

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Color

Yxy(57.2388, 0.2843, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	B2CBDA
RGB	178, 203, 218
RGB Percent	70%, 80%, 85%
CMY	0.3018, 0.2039, 0.1451
CMYK	0.18, 0.07, 0.00, 0.15
HSL	203°, 35%, 78%
HSV	203°, 18%, 85%
XYZ	52.3753, 57.2388, 74.6112
YIQ	197.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

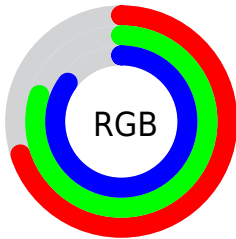
Format	Color
RYB	178, 193, 218
Decimal	11717594
CIELab	80.31, -5.23, -10.27
CIELCh	80, 11.519, 243.024
Yxy	57.2388, 0.2843, 0.3107
Android (android.graphics.Color)	4289907674 (0xFFB2CBDA)
YUV	197.2350, 10.2371, -16.8691
Hunter-Lab	75.6563, -8.8269, -5.5116

Details

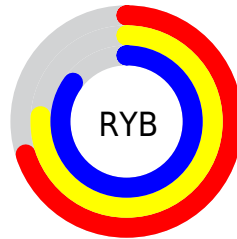
The Yxy color **57.2388, 0.2843, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2723, 0.3451, 0.3466**, and the grayscale version is **55.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **28.4992, 0.2773, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **51.1012, 0.2687, 0.2993**, and if you desaturate by 10%, it is **63.9948, 0.2999, 0.3211**.

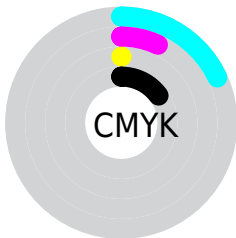
Distribution



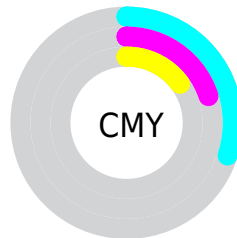
- Red (70%)
- Green (80%)
- Blue (85%)



- Red (70%)
- Yellow (76%)
- Blue (85%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2388, 0.2843, 0.3107 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 57.2388, 0.2843, 0.3107 by changing the saturation by 10% instead.

■ 57.2388, 0.2843,
0.3107

■ 57.2388, 0.2843,
0.3107

414.3435, 0.2979,
0.3196

■ 41.1970, 0.2811,
0.3085

■ 100.8135, 0.2891,
0.3139

■ 28.4730, 0.2770,
0.3058

129.1153, 0.2910,
0.3151

■ 18.6826, 0.2718,
0.3022

162.2724, 0.2925,
0.3161

■ 11.4411, 0.2648,
0.2974

200.6694, 0.2939,
0.3170

■ 6.3644, 0.2550,
0.2905

244.6906, 0.2951,
0.3178

■ 3.0679, 0.2401,
0.2797

294.7205, 0.2961,

■ 1.1673, 0.2153,

0.3185

0.2609

351.1433, 0.2971,
0.3191

0.0347, 0.0000,
0.0439

0.0000, 0.0000,
0.0000

57.2388, 0.2843,
0.3107

57.2388, 0.2843,
0.3107

51.1012, 0.2687,
0.2993

63.9948, 0.2999,
0.3211

45.5525, 0.2535,
0.2869

71.3831, 0.3153,
0.3305

40.5710, 0.2389,
0.2736

79.4261, 0.3301,
0.3389

36.1306, 0.2255,
0.2596

86.1505, 0.3373,
0.3467

■ 32.2027, 0.2136,
0.2452

■ 90.9621, 0.3361,
0.3546

■ 28.7550, 0.2036,
0.2306

■ 95.9921, 0.3350,
0.3624

■ 25.7502, 0.1956,
0.2162

■ 97.8416, 0.3346,
0.3651

■ 23.1346, 0.1897,
0.2020

■ 22.7233, 0.1888,
0.1997

Harmonies

Analogous

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



57.2388, 0.2854, 0.3223



57.2388, 0.2843, 0.3107



57.2388, 0.2905, 0.3043

Triad

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



57.2388, 0.2843, 0.3107



57.2388, 0.3319, 0.3217



57.2388, 0.3223, 0.3549

Complementary

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



57.2388, 0.2843, 0.3107



56.2723, 0.3451, 0.3466

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.



57.2388, 0.3351, 0.3541



57.2388, 0.2843, 0.3107



57.2388, 0.3408, 0.3346

Square

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



57.2388, 0.2843, 0.3107



57.2388, 0.3179, 0.3108



57.2388, 0.3419, 0.3465



57.2388, 0.3071, 0.3483

Rectangle

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



57.2388, 0.2843, 0.3107



57.2388, 0.2982, 0.3037



57.2388, 0.3419, 0.3465



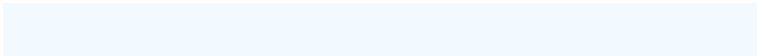
57.2388, 0.3270, 0.3555

Sweetspot

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



57.2412, 0.2843, 0.3107



94.6467, 0.3050, 0.3243



63.4440, 0.3010, 0.3601



20.1013, 0.3039, 0.3236



0.0000, 0.0000, 0.0000



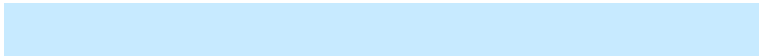
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2412, 0.2843, 0.3107



78.1646, 0.2783, 0.3064



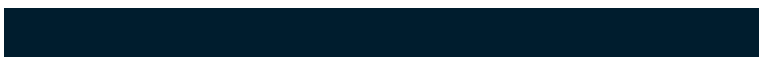
48.5466, 0.2830, 0.2860



13.9657, 0.2982, 0.3200



13.8277, 0.1894, 0.2018



1.0594, 0.1958, 0.2248

Inverse Universe

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



51.0699, 0.3269, 0.3002



67.9984, 0.3306, 0.2939



65.5398, 0.3412, 0.3686



13.1877, 0.3195, 0.3145



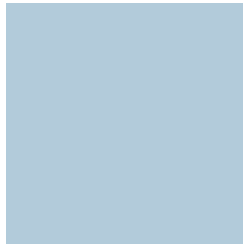
10.0197, 0.4433, 0.2216



0.6656, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 57.2388, 0.2843, 0.3107 looks on a white background.

Color Contrast Check

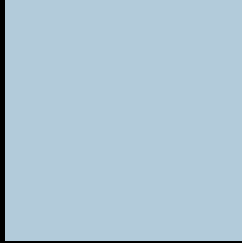
Large Text (above 18pt) WCAG AA × Fail

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 57.2388, 0.2843, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

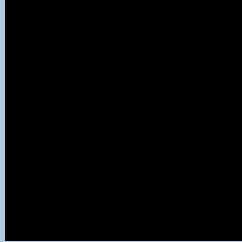
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

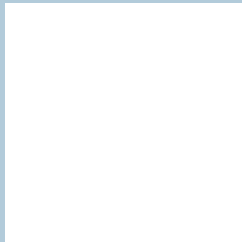
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2388, 0.2843, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 57.2388, 0.2843, 0.3107.



This preview shows how white text looks on a background with the Yxy color 57.2388, 0.2843, 0.3107.

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

57.2388, 0.2843, 0.3107

Protanopia

57.3002, 0.3006, 0.3090

Deuteranopia

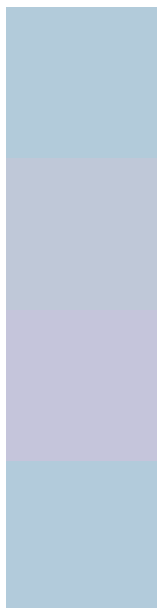
56.7171, 0.3048, 0.2980



Tritanopia

57.2913, 0.2836, 0.3095

Trichromacy



Original Color

57.2388, 0.2843, 0.3107

Protanomaly

57.3428, 0.2947, 0.3099

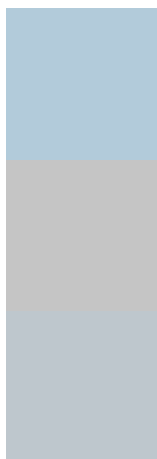
Deuteranomaly

56.9173, 0.2971, 0.3031

Tritanomaly

57.2913, 0.2836, 0.3095

Monochromacy



Original Color

57.2388, 0.2843, 0.3107

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2018, 0.3015, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2388, 0.2843, 0.3107 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(178, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 218)  
}
```

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(178, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 218) }
```

Border

The CSS property to change the border of an element to Yxy 57.2388, 0.2843, 0.3107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

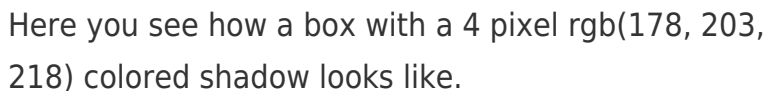
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 203, 218) }
```

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

```
.border{ border-color:rgb(178, 203, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 203, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 203, 218); box-shadow:4px 4px 4px 4px rgb(178, 203, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2388, 0.2843, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 218) }
```

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

```
.background{ background-color: rgb(178,  
203, 218) }
```

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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