

Converting Colors

Yxy(58.2510, 0.2839, 0.3103)

Have a look what the booklet for
Yxy(58.2510, 0.2839, 0.3103)
contains.

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Color

Yxy(58.4137, 0.2838, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	B3CDDC
RGB	179, 205, 220
RGB Percent	70%, 80%, 86%
CMY	0.2981, 0.1961, 0.1371
CMYK	0.19, 0.07, 0.00, 0.14
HSL	202°, 37%, 78%
HSV	202°, 19%, 86%
XYZ	53.3392, 58.4137, 76.1934
YIQ	198.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

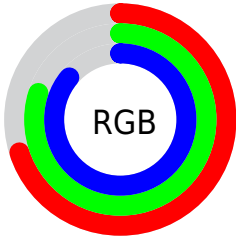
Format	Color
R _Y B	179, 195, 220
Decimal	11783644
CIE Lab	80.97, -5.55, -10.37
CIE LCh	81, 11.765, 241.869
Yxy	58.4137, 0.2838, 0.3108
Android (android.graphics.Color)	4289973724 (0xFFB3CDDC)
YUV	198.9360, 10.3846, -17.4839
Hunter-Lab	76.4289, -9.1766, -5.6072

Details

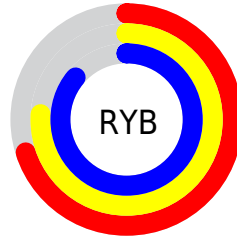
The Yxy color **58.4137, 0.2838, 0.3108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0588, 0.3459, 0.3465**, and the grayscale version is **57.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.2854, 0.2768, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **52.2465, 0.2683, 0.2996**, and if you desaturate by 10%, it is **65.2022, 0.2994, 0.3210**.

Distribution



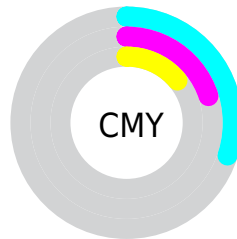
- Red (70%)
- Green (80%)
- Blue (86%)



- Red (70%)
- Yellow (76%)
- Blue (86%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4137, 0.2838, 0.3108 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 58.4137, 0.2838, 0.3108 by changing the saturation by 10% instead.

■ 58.4137, 0.2838,
0.3108

■ 58.4137, 0.2838,
0.3108

418.7257, 0.2976,
0.3197

■ 42.1413, 0.2805,
0.3087

■ 102.5251, 0.2887,
0.3140

■ 29.2120, 0.2765,
0.3060

131.1328, 0.2905,
0.3152

■ 19.2412, 0.2712,
0.3025

164.6212, 0.2921,
0.3162

■ 11.8447, 0.2642,
0.2977

203.3746, 0.2935,
0.3171

■ 6.6380, 0.2544,
0.2909

247.7773, 0.2947,
0.3178

■ 3.2368, 0.2396,
0.2804

298.2138, 0.2958,

■ 1.2566, 0.2152,

0.3185

0.2622

355.0685, 0.2967,
0.3191

0.1072, 0.0000,
0.1129

0.0000, 0.0000,
0.0000

58.4137, 0.2838,
0.3108

58.4137, 0.2838,
0.3108

52.2465, 0.2683,
0.2996

65.2022, 0.2994,
0.3210

46.6708, 0.2531,
0.2875

72.6263, 0.3148,
0.3302

41.6644, 0.2387,
0.2746

80.7086, 0.3297,
0.3384

37.2010, 0.2254,
0.2610

87.1224, 0.3357,
0.3461

■ 33.2513, 0.2137,
0.2469

■ 91.8961, 0.3346,
0.3539

■ 29.7826, 0.2039,
0.2327

■ 96.8820, 0.3336,
0.3615

■ 26.7565, 0.1962,
0.2186

■ 97.9489, 0.3333,
0.3631

■ 24.1166, 0.1904,
0.2048

■ 23.7812, 0.1897,
0.2030

Harmonies

Analogous

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



58.4137, 0.2853, 0.3227



58.4137, 0.2838, 0.3108



58.4137, 0.2899, 0.3041

Triad

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



58.4137, 0.2838, 0.3108



58.4137, 0.3317, 0.3211



58.4137, 0.3230, 0.3554

Complementary

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



58.4137, 0.2838, 0.3108



57.0588, 0.3459, 0.3465

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.



58.4137, 0.3358, 0.3543



58.4137, 0.2838, 0.3108



58.4137, 0.3410, 0.3342

Square

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



58.4137, 0.2838, 0.3108



58.4137, 0.3173, 0.3102



58.4137, 0.3425, 0.3463



58.4137, 0.3076, 0.3490

Rectangle

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



58.4137, 0.2838, 0.3108



58.4137, 0.2974, 0.3033



58.4137, 0.3425, 0.3463



58.4137, 0.3277, 0.3559

Sweetspot

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



58.4161, 0.2838, 0.3108



93.6922, 0.3034, 0.3235



64.6490, 0.3012, 0.3616



19.9113, 0.3024, 0.3229



0.0000, 0.0000, 0.0000



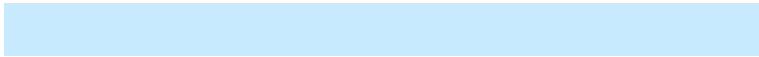
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4161, 0.2838, 0.3108



78.4617, 0.2783, 0.3070



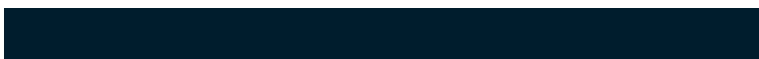
49.5056, 0.2824, 0.2860



13.9866, 0.2982, 0.3202



14.1720, 0.1903, 0.2051



1.0802, 0.1966, 0.2276

Inverse Universe

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



51.8605, 0.3269, 0.2992



68.0284, 0.3302, 0.2934



66.5025, 0.3419, 0.3686



13.1898, 0.3193, 0.3143



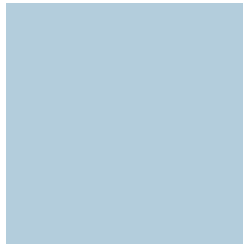
10.0544, 0.4396, 0.2195



0.6677, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 58.4137, 0.2838, 0.3108 looks on a white background.

Color Contrast Check

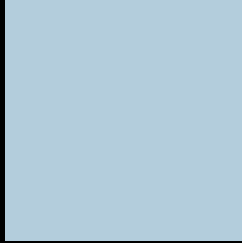
Large Text (above 18pt) WCAG AA × Fail

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 58.4137, 0.2838, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

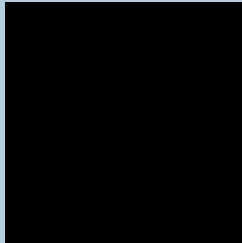
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

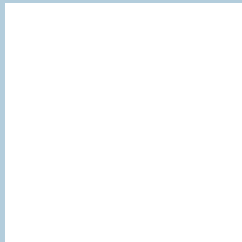
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4137, 0.2838, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 58.4137, 0.2838, 0.3108.

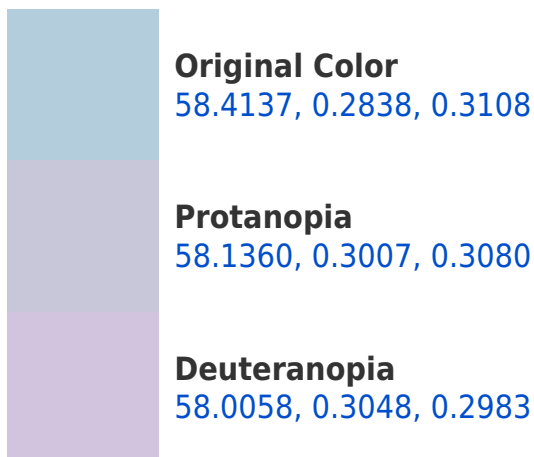


This preview shows how white text looks on a background with the Yxy color 58.4137, 0.2838, 0.3108.

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

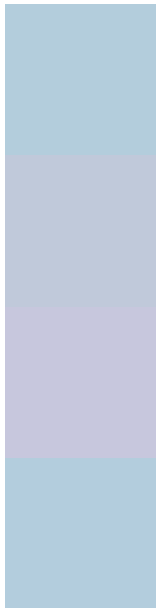




Tritanopia

58.4668, 0.2832, 0.3097

Trichromacy



Original Color

58.4137, 0.2838, 0.3108

Protanomaly

58.0417, 0.2941, 0.3088

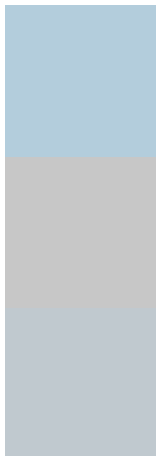
Deuteranomaly

58.2094, 0.2972, 0.3034

Tritanomaly

58.4668, 0.2832, 0.3097

Monochromacy



Original Color

58.4137, 0.2838, 0.3108

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4848, 0.3016, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4137, 0.2838, 0.3108 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(179, 205, 220)` looks like.

```
.text, #text, p{  
    color:rgb(179, 205, 220)  
}
```

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(179, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 205, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.4137, 0.2838, 0.3108 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(179, 205, 220) }
```

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

```
.border{ border-color:rgb(179, 205, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 205, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(179, 205,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4137, 0.2838, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 205, 220) }
```

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

```
.background{ background-color: rgb(179,  
205, 220) }
```

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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