

Converting Colors

Yxy(57.8873, 0.2842, 0.3094)

Have a look what the booklet for
Yxy(57.8873, 0.2842, 0.3094)
contains.

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Color

Yxy(58.0563, 0.2845, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	B4CCDC
RGB	180, 204, 220
RGB Percent	71%, 80%, 86%
CMY	0.2938, 0.2001, 0.1372
CMYK	0.18, 0.07, 0.00, 0.14
HSL	204°, 36%, 78%
HSV	204°, 18%, 86%
XYZ	53.3495, 58.0563, 76.1145
YIQ	198.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

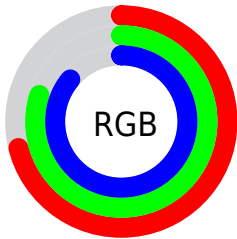
Format	Color
RYB	180, 195, 220
Decimal	11848924
CIELab	80.77, -4.67, -10.66
CIELCh	81, 11.632, 246.351
Yxy	58.0563, 0.2845, 0.3096
Android (android.graphics.Color)	4290039004 (0xFFB4CCDC)
YUV	198.6480, 10.5265, -16.3543
Hunter-Lab	76.1947, -8.3596, -5.8913

Details

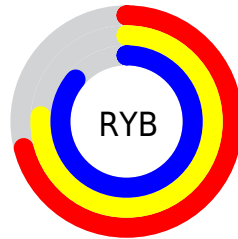
The Yxy color **58.0563, 0.2845, 0.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0512, 0.3445, 0.3476**, and the grayscale version is **56.8404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **29.0413, 0.2775, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **51.5416, 0.2687, 0.2973**, and if you desaturate by 10%, it is **65.2332, 0.3002, 0.3207**.

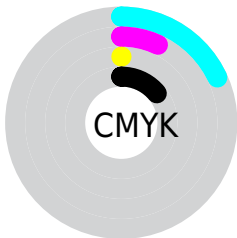
Distribution



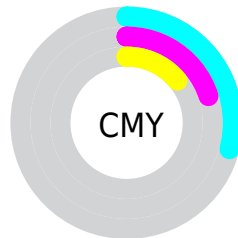
- Red (71%)
- Green (80%)
- Blue (86%)



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



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0563, 0.2845, 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 58.0563, 0.2845, 0.3096 by changing the saturation by 10% instead.

■ 58.0563, 0.2845,
0.3096

■ 58.0563, 0.2845,
0.3096

■ 417.3957, 0.2980,
0.3190

■ 41.8539, 0.2813,
0.3073

■ 102.0048, 0.2893,
0.3130

■ 28.9869, 0.2773,
0.3045

■ 130.5198, 0.2911,
0.3142

■ 19.0709, 0.2722,
0.3008

■ 163.9077, 0.2927,
0.3153

■ 11.7215, 0.2653,
0.2957

■ 202.5530, 0.2940,
0.3163

■ 6.5544, 0.2556,
0.2885

■ 246.8400, 0.2952,
0.3171

■ 3.1850, 0.2411,
0.2774

■ 297.1532, 0.2962,

■ 1.2291, 0.2170,

0.3178

0.2584

353.8770, 0.2972,
0.3185

0.0853, 0.0000,
0.0924

0.0000, 0.0000,
0.0000

58.0563, 0.2845,
0.3096

58.0563, 0.2845,
0.3096

51.5416, 0.2687,
0.2973

65.2332, 0.3002,
0.3207

45.6584, 0.2532,
0.2840

73.0874, 0.3155,
0.3308

40.3837, 0.2384,
0.2698

81.6424, 0.3303,
0.3397

35.6901, 0.2246,
0.2547

88.3499, 0.3354,
0.3482

■ 31.5475, 0.2122,
0.2392

■ 93.6596, 0.3342,
0.3567

■ 27.9222, 0.2018,
0.2235

■ 97.9482, 0.3333,
0.3631

■ 24.7751, 0.1935,
0.2080

■ 22.0519, 0.1872,
0.1929

■ 21.5799, 0.1862,
0.1902

Harmonies

Analogous

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



58.0563, 0.2848, 0.3208



58.0563, 0.2845, 0.3096



58.0563, 0.2915, 0.3039

Triad

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



58.0563, 0.2845, 0.3096



58.0563, 0.3333, 0.3230



58.0563, 0.3206, 0.3547

Complementary

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



58.0563, 0.2845, 0.3096



58.0512, 0.3445, 0.3476

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.



58.0563, 0.3340, 0.3547



58.0563, 0.2845, 0.3096



58.0563, 0.3415, 0.3361

Square

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



58.0563, 0.2845, 0.3096



58.0563, 0.3196, 0.3117



58.0563, 0.3417, 0.3477



58.0563, 0.3054, 0.3473

Rectangle

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



58.0563, 0.2845, 0.3096



58.0563, 0.2996, 0.3038



58.0563, 0.3417, 0.3477



58.0563, 0.3255, 0.3555

Sweetspot

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



58.0587, 0.2845, 0.3096



94.4382, 0.3050, 0.3240



64.8966, 0.3002, 0.3581



20.0505, 0.3039, 0.3233



0.0000, 0.0000, 0.0000



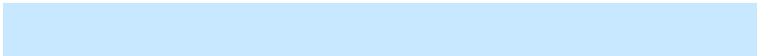
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0587, 0.2845, 0.3096



77.3278, 0.2781, 0.3048



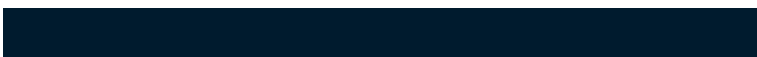
49.1956, 0.2832, 0.2848



13.9066, 0.2982, 0.3194



12.8867, 0.1868, 0.1924



1.0020, 0.1936, 0.2170

Inverse Universe

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



52.2541, 0.3277, 0.3017



67.9139, 0.3317, 0.2953



67.6405, 0.3407, 0.3697



13.1817, 0.3199, 0.3151



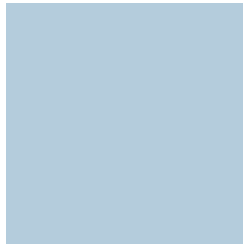
9.9247, 0.4539, 0.2274



0.6598, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 58.0563, 0.2845, 0.3096 looks on a white background.

Color Contrast Check

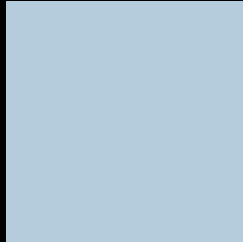
Large Text (above 18pt) WCAG AA × Fail

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 58.0563, 0.2845, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

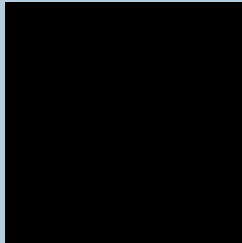
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

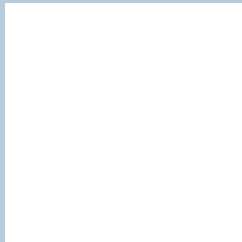
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0563, 0.2845, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 58.0563, 0.2845, 0.3096.



This preview shows how white text looks on a background with the Yxy color 58.0563, 0.2845, 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

58.0563, 0.2845, 0.3096

Protanopia

57.9987, 0.3000, 0.3079

Deuteranopia

58.0058, 0.3048, 0.2983



Tritanopia

58.0563, 0.2845, 0.3096

Trichromacy



Original Color

58.0563, 0.2845, 0.3096

Protanomaly

58.0417, 0.2941, 0.3088

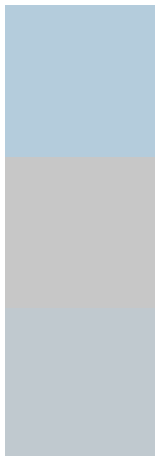
Deuteranomaly

57.7507, 0.2972, 0.3022

Tritanomaly

58.0563, 0.2845, 0.3096

Monochromacy



Original Color

58.0563, 0.2845, 0.3096

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 58.0563, 0.2845, 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(180, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 204, 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(180, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 204, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.0563, 0.2845, 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(180, 204, 220) }
```

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

```
.border{ border-color:rgb(180, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 204,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0563, 0.2845, 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(180, 204, 220) }
```

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

```
.background{ background-color: rgb(180,  
204, 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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