

Converting Colors

Yxy(58.5434, 0.2872, 0.3098)

Have a look what the booklet for
Yxy(58.5434, 0.2872, 0.3098)
contains.

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Color

Yxy(58.5434, 0.2872, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	B8CCDC
RGB	184, 204, 220
RGB Percent	72%, 80%, 86%
CMY	0.2786, 0.1999, 0.1372
CMYK	0.16, 0.07, 0.00, 0.14
HSL	207°, 34%, 79%
HSV	207°, 16%, 86%
XYZ	54.2726, 58.5434, 76.1556
YIQ	199.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

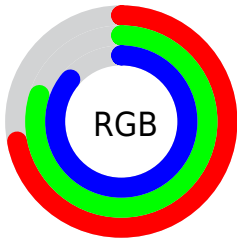
Format	Color
RYB	184, 197, 220
Decimal	12111068
CIELab	81.04, -3.46, -10.22
CIELCh	81, 10.793, 251.279
Yxy	58.5434, 0.2872, 0.3098
Android (android.graphics.Color)	4290301148 (0xFFB8CCDC)
YUV	199.8440, 9.9369, -13.8952
Hunter-Lab	76.5137, -7.2853, -5.4529

Details

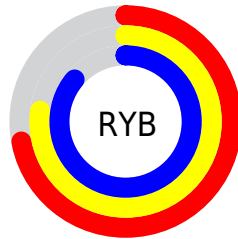
The Yxy color **58.5434, 0.2872, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9674, 0.3408, 0.3475**, and the grayscale version is **57.6017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **29.3546, 0.2811, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **51.5399, 0.2712, 0.2964**, and if you desaturate by 10%, it is **66.2652, 0.3029, 0.3219**.

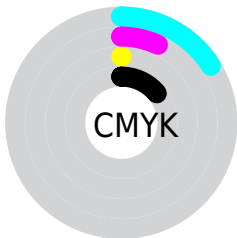
Distribution



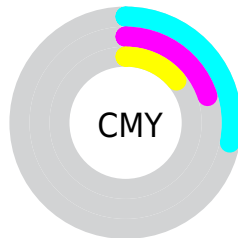
- Red (72%)
- Green (80%)
- Blue (86%)



- Red (72%)
- Yellow (77%)
- Blue (86%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5434, 0.2872, 0.3098 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 58.5434, 0.2872, 0.3098 by changing the saturation by 10% instead.

■ 58.5434, 0.2872,
0.3098

■ 58.5434, 0.2872,
0.3098

419.2077, 0.2994,
0.3191

■ 42.2457, 0.2843,
0.3076

■ 102.7138, 0.2915,
0.3131

■ 29.2937, 0.2807,
0.3048

131.3552, 0.2932,
0.3144

■ 19.3031, 0.2761,
0.3011

164.8799, 0.2946,
0.3154

■ 11.8895, 0.2698,
0.2962

203.6724, 0.2958,
0.3164

■ 6.6685, 0.2611,
0.2893

248.1171, 0.2969,
0.3172

■ 3.2557, 0.2479,
0.2786

298.5982, 0.2978,

■ 1.2666, 0.2260,

0.3179

0.2603

355.5003, 0.2986,
0.3185

0.1151, 0.0254,
0.1175

0.0000, 0.0000,
0.0000

58.5434, 0.2872,
0.3098

58.5434, 0.2872,
0.3098

51.5399, 0.2712,
0.2964

66.2652, 0.3029,
0.3219

45.2228, 0.2553,
0.2818

74.7216, 0.3182,
0.3328

39.5680, 0.2398,
0.2661

83.9369, 0.3327,
0.3424

34.5471, 0.2252,
0.2495

90.5707, 0.3349,
0.3518

■ 30.1288, 0.2120,
0.2323

■ 96.5735, 0.3336,
0.3611

■ 26.2787, 0.2005,
0.2149

■ 97.9478, 0.3333,
0.3631

■ 22.9570, 0.1912,
0.1977

■ 20.1153, 0.1842,
0.1811

■ 19.1775, 0.1820,
0.1752

Harmonies

Analogous

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



58.5434, 0.2863, 0.3195



58.5434, 0.2872, 0.3098



58.5434, 0.2947, 0.3055

Triad

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



58.5434, 0.2872, 0.3098



58.5434, 0.3334, 0.3255



58.5434, 0.3178, 0.3520

Complementary

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



58.5434, 0.2872, 0.3098



59.9674, 0.3408, 0.3475

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.



58.5434, 0.3307, 0.3532



58.5434, 0.2872, 0.3098



58.5434, 0.3399, 0.3376

Square

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



58.5434, 0.2872, 0.3098



58.5434, 0.3214, 0.3145



58.5434, 0.3388, 0.3478



58.5434, 0.3038, 0.3442

Rectangle

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



58.5434, 0.2872, 0.3098



58.5434, 0.3027, 0.3060



58.5434, 0.3388, 0.3478



58.5434, 0.3224, 0.3532

Sweetspot

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



58.5458, 0.2872, 0.3098



94.1042, 0.3050, 0.3235



65.5283, 0.3007, 0.3535



19.9693, 0.3039, 0.3227



0.0000, 0.0000, 0.0000



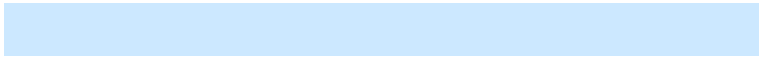
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5458, 0.2872, 0.3098



77.9768, 0.2812, 0.3049



50.6271, 0.2862, 0.2880



13.8123, 0.2982, 0.3184



11.4796, 0.1827, 0.1777



0.9146, 0.1902, 0.2046

Inverse Universe

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



53.8440, 0.3272, 0.3061



70.2927, 0.3312, 0.3006



68.6155, 0.3376, 0.3669



13.1722, 0.3205, 0.3161



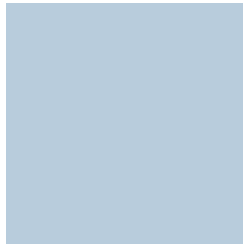
9.7826, 0.4713, 0.2370



0.6510, 0.4402, 0.2198

Previews

White Background



This preview shows how the Yxy color 58.5434, 0.2872, 0.3098 looks on a white background.

Color Contrast Check

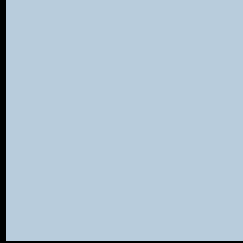
Large Text (above 18pt) WCAG AA × Fail

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 58.5434, 0.2872, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

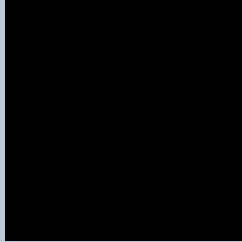
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

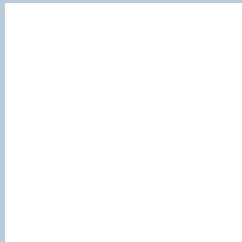
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5434, 0.2872, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 58.5434, 0.2872, 0.3098.

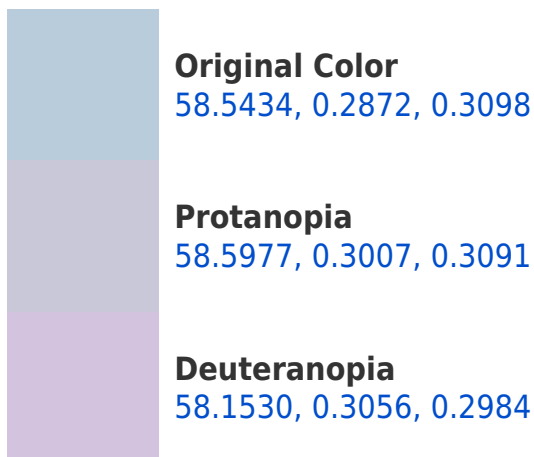


This preview shows how white text looks on a background with the Yxy color 58.5434, 0.2872, 0.3098.

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

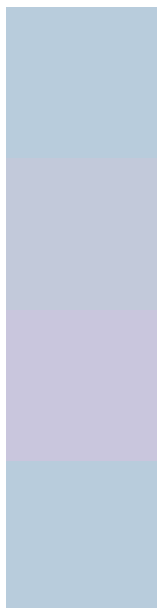




Tritanopia

58.5434, 0.2872, 0.3098

Trichromacy



Original Color

58.5434, 0.2872, 0.3098

Protanomaly

58.3046, 0.2956, 0.3089

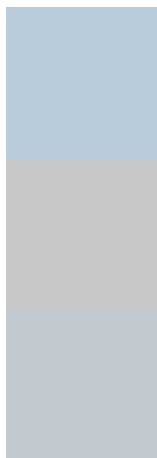
Deuteranomaly

58.0261, 0.2987, 0.3023

Tritanomaly

58.5434, 0.2872, 0.3098

Monochromacy



Original Color

58.5434, 0.2872, 0.3098

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7476, 0.3031, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5434, 0.2872, 0.3098 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(184, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.5434, 0.2872, 0.3098 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(184, 204, 220) }
```

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

```
.border{ border-color:rgb(184, 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(184, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5434, 0.2872, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 220) }
```

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

```
.background{ background-color: rgb(184,  
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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