

Converting Colors

$Y_{xy}(58.6370, 0.2954, 0.3194)$

Have a look what the booklet for
Yxy(58.6370, 0.2954, 0.3194)
contains.

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Color

Yxy(58.6306, 0.2953, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	BCCCD4
RGB	188, 204, 212
RGB Percent	74%, 80%, 83%
CMY	0.2629, 0.1999, 0.1687
CMYK	0.11, 0.04, 0.00, 0.17
HSL	200°, 22%, 78%
HSV	200°, 11%, 83%
XYZ	54.2067, 58.6306, 70.7275
YIQ	200.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

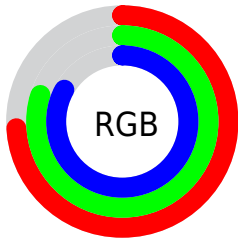
Format	Color
RYB	188, 198, 212
Decimal	12373204
CIELab	81.09, -3.84, -5.82
CIElCh	81, 6.970, 236.569
Yxy	58.6306, 0.2953, 0.3194
Android (android.graphics.Color)	4290563284 (0xFFBCCCD4)
YUV	200.1280, 5.8529, -10.6363
Hunter-Lab	76.5706, -7.6330, -1.1661

Details

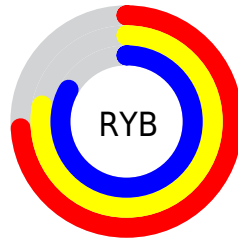
The Yxy color **58.6306, 0.2953, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0683, 0.3317, 0.3384**, and the grayscale version is **57.8082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **29.3979, 0.2916, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **52.8711, 0.2799, 0.3100**, and if you desaturate by 10%, it is **64.9411, 0.3107, 0.3279**.

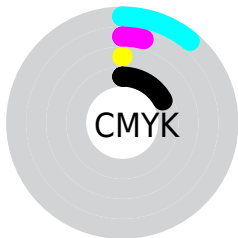
Distribution



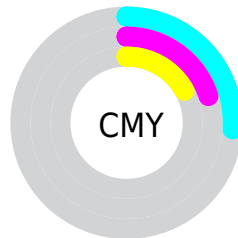
- Red (74%)
- Green (80%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6306, 0.2953, 0.3194 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 58.6306, 0.2953, 0.3194 by changing the saturation by 10% instead.

■ 58.6306, 0.2953,
0.3194

■ 58.6306, 0.2953,
0.3194

419.5316, 0.3036,
0.3241

■ 42.3158, 0.2933,
0.3183

■ 102.8406, 0.2983,
0.3211

■ 29.3487, 0.2908,
0.3169

131.5046, 0.2994,
0.3217

■ 19.3447, 0.2876,
0.3150

165.0538, 0.3003,
0.3222

■ 11.9196, 0.2833,
0.3125

203.8726, 0.3012,
0.3227

■ 6.6890, 0.2772,
0.3089

248.3454, 0.3019,
0.3231

■ 3.2684, 0.2680,
0.3033

298.8565, 0.3026,

■ 1.2734, 0.2523,

0.3235

0.2934

355.7905, 0.3031,
0.3238

0.1205, 0.0306,
0.1774

0.0000, 0.0000,
0.0000

58.6306, 0.2953,
0.3194

58.6306, 0.2953,
0.3194

52.8711, 0.2799,
0.3100

64.9411, 0.3107,
0.3279

47.6360, 0.2646,
0.2997

71.8132, 0.3258,
0.3356

42.9074, 0.2500,
0.2886

79.2665, 0.3405,
0.3424

38.6632, 0.2363,
0.2768

83.7922, 0.3418,
0.3492

■ 34.8795, 0.2239,
0.2645

■ 87.8297, 0.3407,
0.3561

■ 31.5297, 0.2132,
0.2519

■ 92.0271, 0.3396,
0.3628

■ 28.5834, 0.2044,
0.2392

■ 96.3863, 0.3385,
0.3694

■ 26.0051, 0.1977,
0.2265

■ 97.5320, 0.3382,
0.3711

■ 24.0134, 0.1933,
0.2158

Harmonies

Analogous

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



58.6306, 0.2970, 0.3269



58.6306, 0.2953, 0.3194



58.6306, 0.2982, 0.3147

Triad

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



58.6306, 0.2953, 0.3194



58.6306, 0.3226, 0.3230



58.6306, 0.3204, 0.3447

Complementary

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



58.6306, 0.2953, 0.3194



57.0683, 0.3317, 0.3384

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.



58.6306, 0.3274, 0.3434



58.6306, 0.2953, 0.3194



58.6306, 0.3287, 0.3308

Square

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



58.6306, 0.2953, 0.3194



58.6306, 0.3139, 0.3168



58.6306, 0.3305, 0.3383



58.6306, 0.3114, 0.3416

Rectangle

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



58.6306, 0.2953, 0.3194



58.6306, 0.3024, 0.3136



58.6306, 0.3305, 0.3383



58.6306, 0.3230, 0.3448

Sweetspot

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



58.6331, 0.2953, 0.3194



96.9707, 0.3081, 0.3265



61.7263, 0.3062, 0.3489



20.5853, 0.3068, 0.3259



0.0000, 0.0000, 0.0000



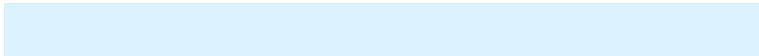
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6331, 0.2953, 0.3194



86.5281, 0.2909, 0.3168



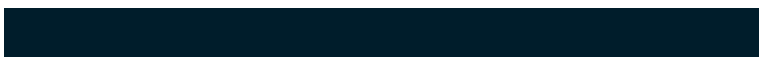
53.3015, 0.2951, 0.3051



13.3820, 0.2982, 0.3211



15.0196, 0.1938, 0.2175



1.0548, 0.1997, 0.2390

Inverse Universe

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



54.3067, 0.3201, 0.3103



78.5609, 0.3222, 0.3055



62.5253, 0.3301, 0.3518



12.5594, 0.3188, 0.3135



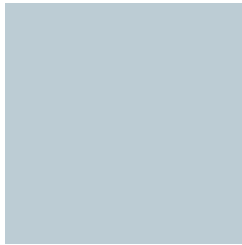
9.8611, 0.4259, 0.2120



0.6098, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 58.6306, 0.2953, 0.3194 looks on a white background.

Color Contrast Check

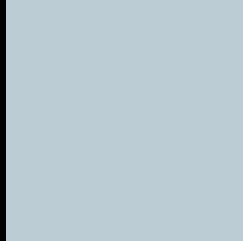
Large Text (above 18pt) WCAG AA × Fail

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 58.6306, 0.2953, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

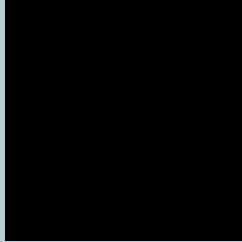
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

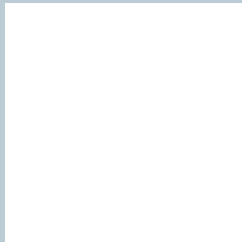
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6306, 0.2953, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 58.6306, 0.2953, 0.3194.

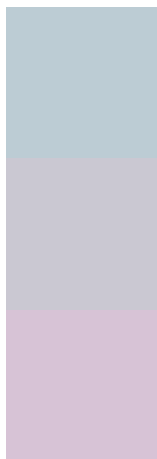


This preview shows how white text looks on a background with the Yxy color 58.6306, 0.2953, 0.3194.

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

58.6306, 0.2953, 0.3194

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.3323, 0.3145, 0.3074



Tritanopia

58.6452, 0.2914, 0.3100

Trichromacy



Original Color

58.6306, 0.2953, 0.3194

Protanomaly

58.3468, 0.3026, 0.3171

Deuteranomaly

58.1714, 0.3073, 0.3116

Tritanomaly

58.4886, 0.2933, 0.3135

Monochromacy



Original Color

58.6306, 0.2953, 0.3194

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8687, 0.3067, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6306, 0.2953, 0.3194 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(188, 204, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 212)  
}
```

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(188, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.6306, 0.2953, 0.3194 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(188, 204, 212) }
```

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

```
.border{ border-color:rgb(188, 204, 212) }
```

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

Here you see how a box with a 4 pixel rgb(188, 204, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6306, 0.2953, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 212) }
```

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

```
.background{ background-color: rgb(188,  
204, 212) }
```

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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