

Converting Colors

$Yxy(59.6445, 0.2933, 0.3258)$

Have a look what the booklet for
Yxy(59.6445, 0.2933, 0.3258)
contains.

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Color

Yxy(59.8322, 0.2932, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B7D0D2
RGB	183, 208, 210
RGB Percent	72%, 82%, 82%
CMY	0.2821, 0.1844, 0.1765
CMYK	0.13, 0.01, 0.00, 0.18
HSL	184°, 23%, 77%
HSV	184°, 13%, 82%
XYZ	53.7299, 59.8322, 69.6912
YIQ	200.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

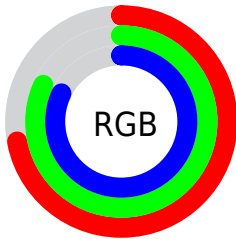
Format	Color
RYB	183, 196, 210
Decimal	12046546
CIELab	81.75, -7.90, -3.83
CIELCh	82, 8.779, 205.872
Yxy	59.8322, 0.2932, 0.3265
Android (android.graphics.Color)	4290236626 (0xFFB7D0D2)
YUV	200.7530, 4.5588, -15.5694
Hunter-Lab	77.3513, -11.3748, 0.7273

Details

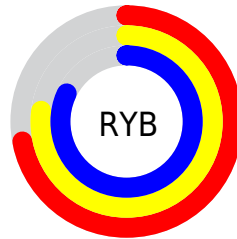
The Yxy color **59.8322, 0.2932, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8595, 0.3356, 0.3315**, and the grayscale version is **58.2347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **30.2573, 0.2881, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **56.6843, 0.2788, 0.3244**, and if you desaturate by 10%, it is **63.3770, 0.3083, 0.3285**.

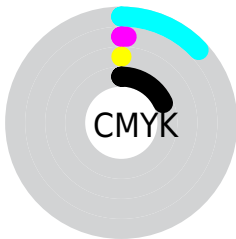
Distribution



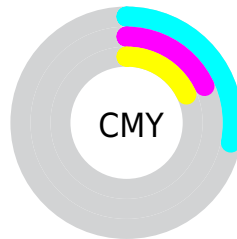
- Red (72%)
- Green (82%)
- Blue (82%)



- Red (72%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8322, 0.2932, 0.3265 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 59.8322, 0.2932, 0.3265 by changing the saturation by 10% instead.

■ 59.8322, 0.2932,
0.3265

■ 59.8322, 0.2932,
0.3265

423.9790, 0.3025,
0.3278

■ 43.2834, 0.2910,
0.3262

■ 104.5862, 0.2965,
0.3270

■ 30.1075, 0.2882,
0.3258

133.5602, 0.2977,
0.3271

■ 19.9202, 0.2847,
0.3252

167.4447, 0.2988,
0.3273

■ 12.3371, 0.2799,
0.3244

206.6242, 0.2998,
0.3274

■ 6.9737, 0.2732,
0.3233

251.4829, 0.3006,
0.3275

■ 3.4456, 0.2631,
0.3214

302.4054, 0.3013,

■ 1.3686, 0.2461,

0.3276

0.3178

359.7759, 0.3019,
0.3277

0.1934, 0.0000,
0.2879

0.0000, 0.0000,
0.0000

59.8322, 0.2932,
0.3265

59.8322, 0.2932,
0.3265

56.6843, 0.2788,
0.3244

63.3770, 0.3083,
0.3285

53.9087, 0.2654,
0.3221

67.3271, 0.3239,
0.3303

51.4899, 0.2534,
0.3197

71.7000, 0.3397,
0.3319

49.4078, 0.2429,
0.3172

74.1476, 0.3462,
0.3334

■ 47.6409, 0.2342,
0.3147

■ 74.9490, 0.3460,
0.3350

■ 46.1647, 0.2274,
0.3121

■ 75.7582, 0.3457,
0.3366

■ 44.9511, 0.2226,
0.3095

■ 76.5751, 0.3454,
0.3382

■ 43.9664, 0.2195,
0.3070

■ 77.3997, 0.3451,
0.3398

■ 43.3589, 0.2181,
0.3052

■ 78.2322, 0.3449,
0.3414

Harmonies

Analogous

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



59.8322, 0.3006, 0.3368



59.8322, 0.2932, 0.3265



59.8322, 0.2910, 0.3171

Triad

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



59.8322, 0.2932, 0.3265



59.8322, 0.3139, 0.3137



59.8322, 0.3312, 0.3469

Complementary

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



59.8322, 0.2932, 0.3265



51.8595, 0.3356, 0.3315

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.



59.8322, 0.3350, 0.3403



59.8322, 0.2932, 0.3265



59.8322, 0.3249, 0.3213

Square

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



59.8322, 0.2932, 0.3265



59.8322, 0.3028, 0.3100



59.8322, 0.3326, 0.3310



59.8322, 0.3225, 0.3487

Rectangle

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



59.8322, 0.2932, 0.3265



59.8322, 0.2927, 0.3127



59.8322, 0.3326, 0.3310



59.8322, 0.3331, 0.3452

Sweetspot

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



59.8347, 0.2932, 0.3265



97.6300, 0.3065, 0.3282



59.6684, 0.3099, 0.3602



20.8039, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



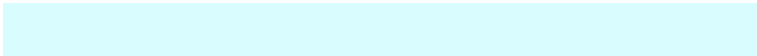
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8347, 0.2932, 0.3265



91.6390, 0.2897, 0.3260



53.6445, 0.2928, 0.3102



13.2492, 0.2983, 0.3272



26.5126, 0.2182, 0.3056



1.5286, 0.2195, 0.3102

Inverse Universe

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



52.1524, 0.3158, 0.2999



77.7938, 0.3164, 0.2945



57.6649, 0.3335, 0.3471



11.9931, 0.3149, 0.3078



10.7477, 0.3405, 0.1650



0.6056, 0.3365, 0.1628

Previews

White Background



This preview shows how the Yxy color 59.8322, 0.2932, 0.3265 looks on a white background.

Color Contrast Check

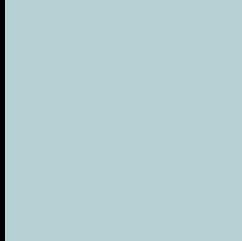
Large Text (above 18pt) WCAG AA × Fail

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 59.8322, 0.2932, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

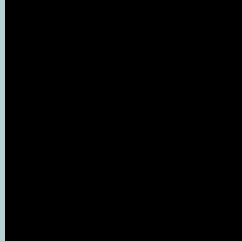
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

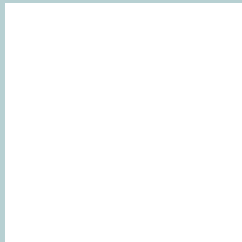
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8322, 0.2932, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 59.8322, 0.2932, 0.3265.



This preview shows how white text looks on a background with the Yxy color 59.8322, 0.2932, 0.3265.

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

59.8322, 0.2932, 0.3265

Protanopia

59.6764, 0.3122, 0.3243

Deuteranopia

59.5914, 0.3182, 0.3121



Tritanopia

59.7308, 0.2868, 0.3099

Trichromacy



Original Color

59.8322, 0.2932, 0.3265

Protanomaly

59.5610, 0.3053, 0.3254

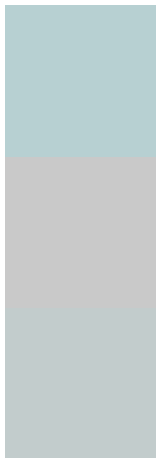
Deuteranomaly

59.4556, 0.3087, 0.3174

Tritanomaly

59.8779, 0.2887, 0.3158

Monochromacy



Original Color

59.8322, 0.2932, 0.3265

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0147, 0.3052, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8322, 0.2932, 0.3265 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(183, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(183, 208, 210)  
}
```

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(183, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.8322, 0.2932, 0.3265 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(183, 208, 210) }
```

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

```
.border{ border-color:rgb(183, 208, 210) }
```

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

Here you see how a box with a 4 pixel rgb(183, 208, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(183, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8322, 0.2932, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 210) }
```

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

```
.background{ background-color: rgb(183,  
208, 210) }
```

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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