

Converting Colors

$Yxy(60.1119, 0.2944, 0.3273)$

Have a look what the booklet for
Yxy(60.1119, 0.2944, 0.3273)
contains.

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Color

Yxy(59.9552, 0.2939, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B8D0D2
RGB	184, 208, 210
RGB Percent	72%, 82%, 82%
CMY	0.2782, 0.1844, 0.1764
CMYK	0.12, 0.01, 0.00, 0.18
HSL	185°, 22%, 77%
HSV	185°, 12%, 82%
XYZ	53.9689, 59.9552, 69.7060
YIQ	201.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

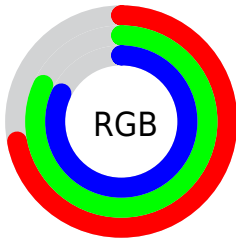
Format	Color
RYB	184, 196, 210
Decimal	12112082
CIELab	81.81, -7.58, -3.73
CIELCh	82, 8.443, 206.200
Yxy	59.9552, 0.2939, 0.3265
Android (android.graphics.Color)	4290302162 (0xFFB8D0D2)
YUV	201.0520, 4.4114, -14.9546
Hunter-Lab	77.4307, -11.0901, 0.8265

Details

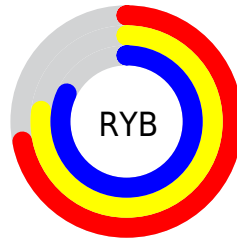
The Yxy color **59.9552, 0.2939, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3239, 0.3346, 0.3315**, and the grayscale version is **58.4300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **30.3368, 0.2890, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **56.7580, 0.2794, 0.3243**, and if you desaturate by 10%, it is **63.5507, 0.3091, 0.3285**.

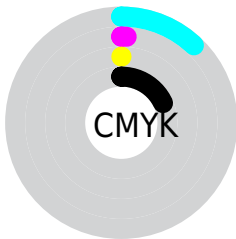
Distribution



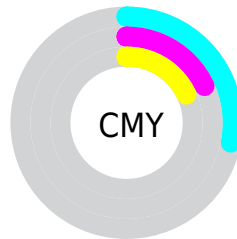
- Red (72%)
- Green (82%)
- Blue (82%)



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



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9552, 0.2939, 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 59.9552, 0.2939, 0.3265 by changing the saturation by 10% instead.


 59.9552, 0.2939,
0.3265

 59.9552, 0.2939,
0.3265


424.4326, 0.3029,
0.3278

 43.3825, 0.2918,
0.3262


 104.7647, 0.2971,
0.3270

 30.1854, 0.2891,
0.3258


133.7703, 0.2983,
0.3271

 19.9793, 0.2857,
0.3252


167.6890, 0.2993,
0.3273

 12.3800, 0.2811,
0.3245

206.9051, 0.3002,
0.3274

 7.0030, 0.2747,
0.3233

251.8032, 0.3010,
0.3275

 3.4640, 0.2649,
0.3215

302.7675, 0.3017,

 1.3785, 0.2485,

0.3276

0.3180

360.1825, 0.3023,
0.3277

0.2008, 0.0087,
0.2927

0.0000, 0.0000,
0.0000

59.9552, 0.2939,
0.3265

59.9552, 0.2939,
0.3265

56.7580, 0.2794,
0.3243

63.5507, 0.3091,
0.3285

53.9347, 0.2660,
0.3219

67.5529, 0.3247,
0.3304

51.4695, 0.2538,
0.3194

71.9793, 0.3404,
0.3321

49.3429, 0.2433,
0.3168

74.2795, 0.3462,
0.3337

■ 47.5330, 0.2345,
0.3142

■ 75.1156, 0.3459,
0.3354

■ 46.0158, 0.2275,
0.3115

■ 75.9600, 0.3456,
0.3370

■ 44.7632, 0.2226,
0.3088

■ 76.8127, 0.3453,
0.3387

■ 43.7420, 0.2194,
0.3062

■ 77.6740, 0.3450,
0.3403

■ 43.0726, 0.2178,
0.3042

■ 78.5436, 0.3448,
0.3419

Harmonies

Analogous

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



59.9552, 0.3010, 0.3364



59.9552, 0.2939, 0.3265



59.9552, 0.2918, 0.3175

Triad

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



59.9552, 0.2939, 0.3265



59.9552, 0.3140, 0.3144



59.9552, 0.3304, 0.3463

Complementary

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



59.9552, 0.2939, 0.3265



52.3239, 0.3346, 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.



59.9552, 0.3341, 0.3400



59.9552, 0.2939, 0.3265



59.9552, 0.3245, 0.3217

Square

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



59.9552, 0.2939, 0.3265



59.9552, 0.3032, 0.3107



59.9552, 0.3319, 0.3310



59.9552, 0.3220, 0.3479

Rectangle

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



59.9552, 0.2939, 0.3265



59.9552, 0.2935, 0.3132



59.9552, 0.3319, 0.3310



59.9552, 0.3323, 0.3446

Sweetspot

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



59.9577, 0.2939, 0.3265



97.6100, 0.3065, 0.3282



59.8335, 0.3100, 0.3590



20.7988, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



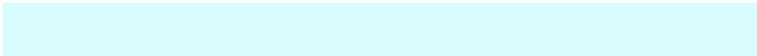
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9577, 0.2939, 0.3265



91.5647, 0.2897, 0.3259



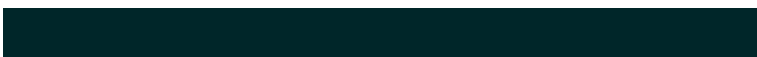
54.0222, 0.2936, 0.3109



13.2427, 0.2983, 0.3271



26.3389, 0.2180, 0.3046



1.5206, 0.2193, 0.3094

Inverse Universe

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



52.5667, 0.3157, 0.3011



77.7863, 0.3164, 0.2946



57.9073, 0.3327, 0.3464



11.9925, 0.3150, 0.3078



10.7302, 0.3414, 0.1654



0.6048, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 59.9552, 0.2939, 0.3265 looks on a white background.

Color Contrast Check

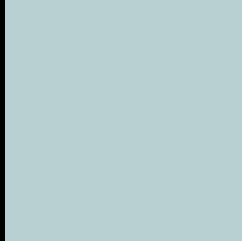
Large Text (above 18pt) WCAG AA × Fail

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 59.9552, 0.2939, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

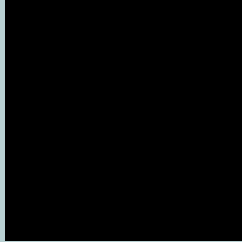
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

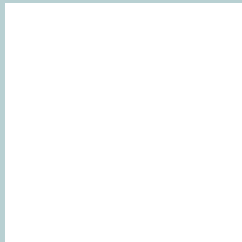
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9552, 0.2939, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 59.9552, 0.2939, 0.3265.

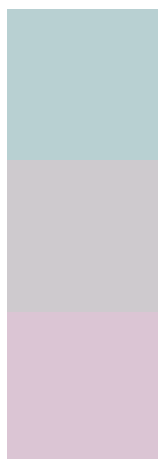


This preview shows how white text looks on a background with the Yxy color 59.9552, 0.2939, 0.3265.

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

59.9552, 0.2939, 0.3265

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

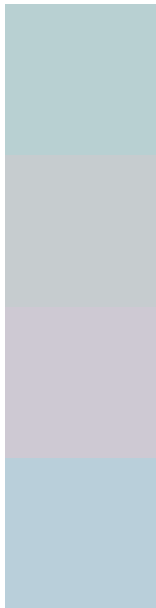
59.7460, 0.3190, 0.3121



Tritanopia

59.8556, 0.2875, 0.3100

Trichromacy



Original Color

59.9552, 0.2939, 0.3265

Protanomaly

59.6965, 0.3061, 0.3254

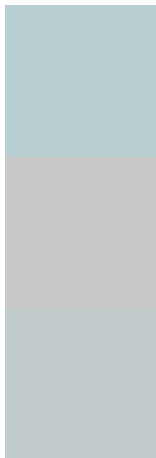
Deuteranomaly

59.5982, 0.3094, 0.3174

Tritanomaly

60.0019, 0.2894, 0.3158

Monochromacy



Original Color

59.9552, 0.2939, 0.3265

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1475, 0.3059, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9552, 0.2939, 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(184, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.9552, 0.2939, 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(184, 208, 210) }
```

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

```
.border{ border-color:rgb(184, 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(184, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9552, 0.2939, 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(184, 208, 210) }
```

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

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