

Converting Colors

$Yxy(59.9316, 0.3021, 0.3581)$

Have a look what the booklet for
Yxy(59.9316, 0.3021, 0.3581)
contains.

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Color

Yxy(59.9912, 0.3020, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	B0D4BD
RGB	176, 212, 189
RGB Percent	69%, 83%, 74%
CMY	0.3097, 0.1686, 0.2589
CMYK	0.17, 0.00, 0.11, 0.17
HSL	142°, 29%, 76%
HSV	142°, 17%, 83%
XYZ	50.6354, 59.9912, 57.0403
YIQ	198.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

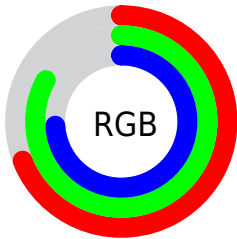
Format	Color
RYB	176, 202, 212
Decimal	11588797
CIELab	81.83, -16.37, 7.45
CIELCh	82, 17.982, 155.520
Yxy	59.9912, 0.3020, 0.3578
Android (android.graphics.Color)	4289778877 (0xFFB0D4BD)
YUV	198.6140, -4.7397, -19.8325
Hunter-Lab	77.4540, -18.8505, 10.5542

Details

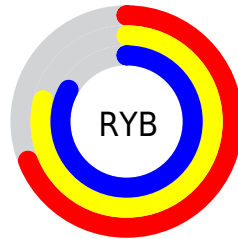
The Yxy color **59.9912, 0.3020, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1844, 0.3252, 0.3018**, and the grayscale version is **56.9042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2684, 0.3043, 0.3390**, and **30.1025, 0.2988, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **57.1500, 0.2960, 0.3775**, and if you desaturate by 10%, it is **63.2785, 0.3083, 0.3401**.

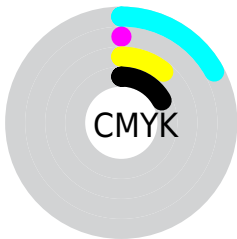
Distribution



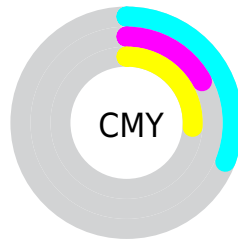
- Red (69%)
- Green (83%)
- Blue (74%)



- Red (69%)
- Yellow (79%)
- Blue (83%)



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





- Cyan (31%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9912, 0.3020, 0.3578 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 59.9912, 0.3020, 0.3578 by changing the saturation by 10% instead.

 59.9912, 0.3020,
0.3578

 59.9912, 0.3020,
0.3578

424.5653, 0.3073,
0.3437

 43.4115, 0.3007,
0.3612

 104.8169, 0.3039,
0.3527

 30.2082, 0.2991,
0.3656


133.8317, 0.3046,
0.3508

 19.9966, 0.2969,
0.3713


167.7604, 0.3052,
0.3492

 12.3926, 0.2939,
0.3791


206.9873, 0.3058,
0.3478

 7.0116, 0.2896,
0.3904

251.8969, 0.3062,
0.3466

 3.4694, 0.2826,
0.4084

302.8735, 0.3066,

 1.3814, 0.2700,

0.3455

0.4410

360.3015, 0.3070,
0.3446

0.2030, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.9912, 0.3020,
0.3578

59.9912, 0.3020,
0.3578

57.1500, 0.2960,
0.3775

63.2785, 0.3083,
0.3401

54.7280, 0.2904,
0.3991

67.0225, 0.3146,
0.3245

52.7068, 0.2857,
0.4224

71.2429, 0.3209,
0.3106

51.0639, 0.2821,
0.4469

74.8337, 0.3227,
0.2981

■ 49.7741, 0.2799,
0.4719

■ 75.5674, 0.3147,
0.2871

■ 48.8094, 0.2795,
0.4964

■ 48.1370, 0.2809,
0.5194

■ 47.7143, 0.2839,
0.5400

■ 47.6135, 0.2849,
0.5457

Harmonies

Analogous

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



59.9912, 0.3252, 0.3689



59.9912, 0.3020, 0.3578



59.9912, 0.2822, 0.3382

Triad

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



59.9912, 0.3020, 0.3578



59.9912, 0.2801, 0.2911



59.9912, 0.3567, 0.3388

Complementary

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



59.9912, 0.3020, 0.3578



49.1844, 0.3252, 0.3018

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.



59.9912, 0.3437, 0.3192



59.9912, 0.3020, 0.3578



59.9912, 0.2990, 0.2924

Square

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



59.9912, 0.3020, 0.3578



59.9912, 0.2699, 0.2995



59.9912, 0.3224, 0.3026



59.9912, 0.3573, 0.3567

Rectangle

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



59.9912, 0.3020, 0.3578



59.9912, 0.2734, 0.3235



59.9912, 0.3224, 0.3026



59.9912, 0.3536, 0.3322

Sweetspot

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



59.9937, 0.3020, 0.3578



97.1470, 0.3095, 0.3370



62.4213, 0.3282, 0.3722



20.7107, 0.3091, 0.3381



0.0000, 0.0000, 0.0000



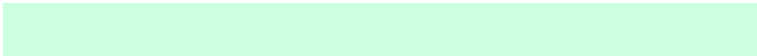
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9937, 0.3020, 0.3578



89.6505, 0.3000, 0.3640



60.8063, 0.2906, 0.3355



13.9691, 0.3067, 0.3443



29.4115, 0.2842, 0.5431



1.7896, 0.2743, 0.5075

Inverse Universe

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



49.1844, 0.3252, 0.3018



70.5393, 0.3281, 0.2964



48.4121, 0.3403, 0.3226



12.5533, 0.3192, 0.3142



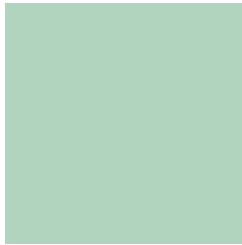
9.7528, 0.4370, 0.2181



0.6038, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 59.9912, 0.3020, 0.3578 looks on a white background.

Color Contrast Check

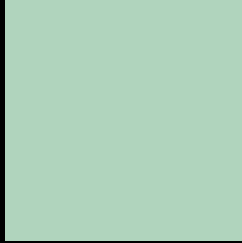
Large Text (above 18pt) WCAG AA × Fail

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 59.9912, 0.3020, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

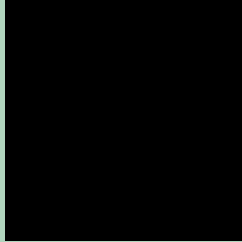
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

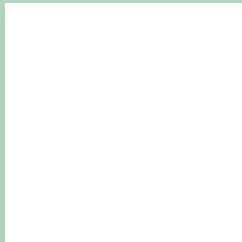
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9912, 0.3020, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 59.9912, 0.3020, 0.3578.

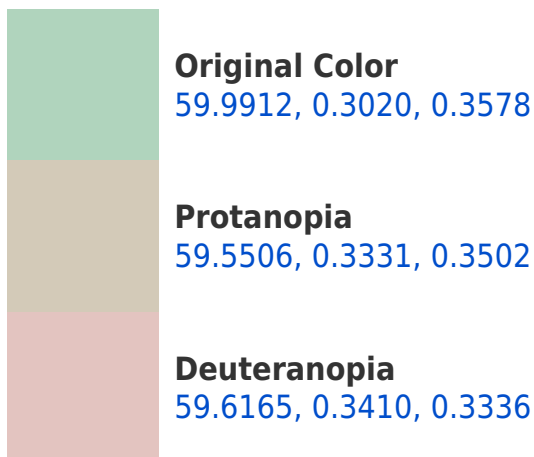


This preview shows how white text looks on a background with the Yxy color 59.9912, 0.3020, 0.3578.

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

59.8984, 0.2841, 0.3099

Trichromacy



Original Color

59.9912, 0.3020, 0.3578

Protanomaly

59.6936, 0.3208, 0.3531

Deuteranomaly

59.4125, 0.3254, 0.3420

Tritanomaly

60.0074, 0.2905, 0.3265

Monochromacy



Original Color

59.9912, 0.3020, 0.3578

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.2022, 0.3092, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9912, 0.3020, 0.3578 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(176, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 189)  
}
```

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(176, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.9912, 0.3020, 0.3578 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(176, 212, 189) }
```

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

```
.border{ border-color:rgb(176, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 212, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 212, 189); box-shadow:4px 4px 4px 4px rgb(176, 212, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9912, 0.3020, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 189) }
```

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

```
.background{ background-color: rgb(176,  
212, 189) }
```

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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