

Converting Colors

$Yxy(58.9071, 0.3037, 0.3476)$

Have a look what the booklet for
Yxy(58.9071, 0.3037, 0.3476)
contains.

| | |
|---|----|
| Yxy(58.9071, 0.3037, 0.3476) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(58.9071, 0.3037, 0.3476)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B6D0C1 |
| RGB | 182, 208, 193 |
| RGB Percent | 71%, 82%, 76% |
| CMY | 0.2863, 0.1843, 0.2432 |
| CMYK | 0.13, 0.00, 0.07, 0.18 |
| HSL | 145°, 22%, 76% |
| HSV | 145°, 13%, 82% |
| XYZ | 51.4675, 58.9071, 59.0935 |
| YIQ | 198.5160, -10.6810, -10.1770 |

Conversions

Conversions Part 2

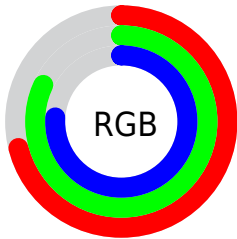
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 182, 200, 208 |
| Decimal | 11980993 |
| CIELab | 81.24, -11.60, 4.52 |
| CIELCh | 81, 12.451, 158.726 |
| Yxy | 58.9071, 0.3037, 0.3476 |
| Android (android.graphics.Color) | 4290171073 (0xFFB6D0C1) |
| YUV | 198.5160, -2.7194, -14.4845 |
| Hunter-Lab | 76.7510, -14.6161, 8.0760 |

Details

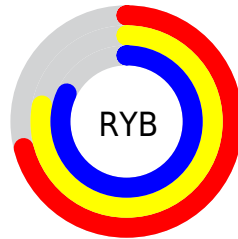
The Yxy color **58.9071, 0.3037, 0.3476** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8932, 0.3229, 0.3111**, and the grayscale version is **56.8228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5367, 0.3057, 0.3349**, and **29.6718, 0.3009, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **56.0478, 0.2967, 0.3645**, and if you desaturate by 10%, it is **62.1911, 0.3109, 0.3325**.

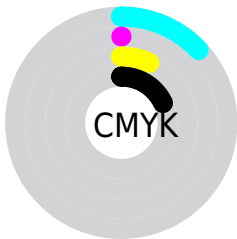
Distribution



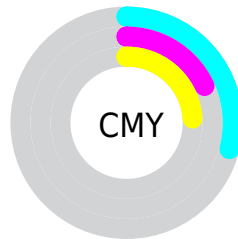
- Red (71%)
- Green (82%)
- Blue (76%)



- Red (71%)
- Yellow (78%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)




- Cyan (29%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9071, 0.3037, 0.3476 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 58.9071, 0.3037, 0.3476 by changing the saturation by 10% instead.


 58.9071, 0.3037,
0.3476

 58.9071, 0.3037,
0.3476

420.5576, 0.3081,
0.3385

 42.5383, 0.3026,
0.3498


 103.2426, 0.3053,
0.3444

 29.5231, 0.3013,
0.3526


131.9782, 0.3059,
0.3431

 19.4769, 0.2995,
0.3562


165.6048, 0.3064,
0.3421

 12.0153, 0.2971,
0.3612

204.5069, 0.3068,
0.3412

 6.7541, 0.2936,
0.3684

249.0688, 0.3072,
0.3404

 3.3088, 0.2882,
0.3797

299.6749, 0.3075,

 1.2950, 0.2783,

0.3397

0.4001

356.7097, 0.3078,
0.3391

0.1373, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.9071, 0.3037,
0.3476

58.9071, 0.3037,
0.3476

56.0478, 0.2967,
0.3645

62.1911, 0.3109,
0.3325

53.5883, 0.2902,
0.3831


65.9089, 0.3181,
0.3191

51.5121, 0.2844,
0.4033

70.0786, 0.3252,
0.3074

49.7989, 0.2797,
0.4249

72.7310, 0.3246,
0.2962

 48.4264, 0.2764,
0.4473


 73.4733, 0.3162,
0.2849

 47.3696, 0.2748,
0.4699

 73.5973, 0.3149,
0.2831

 46.6000, 0.2751,
0.4921

 46.0837, 0.2773,
0.5129

 45.8191, 0.2798,
0.5273

Harmonies

Analogous

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



58.9071, 0.3199, 0.3560



58.9071, 0.3037, 0.3476



58.9071, 0.2902, 0.3339

Triad

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



58.9071, 0.3037, 0.3476



58.9071, 0.2910, 0.3021



58.9071, 0.3437, 0.3376

Complementary

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



58.9071, 0.3037, 0.3476



50.8932, 0.3229, 0.3111

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.



58.9071, 0.3356, 0.3237



58.9071, 0.3037, 0.3476



58.9071, 0.3050, 0.3036

Square

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



58.9071, 0.3037, 0.3476



58.9071, 0.2830, 0.3076



58.9071, 0.3213, 0.3114



58.9071, 0.3432, 0.3497

Rectangle

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



58.9071, 0.3037, 0.3476



58.9071, 0.2844, 0.3239



58.9071, 0.3213, 0.3114



58.9071, 0.3419, 0.3330

Sweetspot

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



58.9096, 0.3037, 0.3476



97.7427, 0.3098, 0.3347



60.3869, 0.3228, 0.3605



20.8328, 0.3092, 0.3358



0.0000, 0.0000, 0.0000



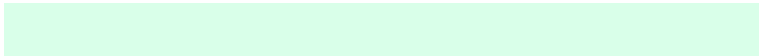
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9096, 0.3037, 0.3476



92.1109, 0.3018, 0.3519



59.5091, 0.2951, 0.3316



13.2879, 0.3059, 0.3427



28.5719, 0.2791, 0.5247



1.6133, 0.2689, 0.4879

Inverse Universe

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



50.8932, 0.3229, 0.3111



76.9800, 0.3254, 0.3071



50.3282, 0.3334, 0.3264



11.9211, 0.3201, 0.3157



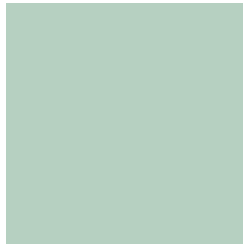
9.2253, 0.4620, 0.2319



0.5315, 0.4292, 0.2138

Previews

White Background



This preview shows how the Yxy color 58.9071, 0.3037, 0.3476 looks on a white background.

Color Contrast Check

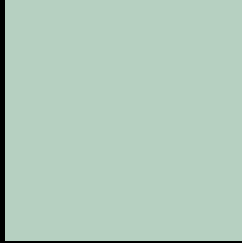
Large Text (above 18pt) WCAG AA × Fail

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 58.9071, 0.3037, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

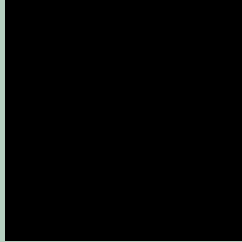
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

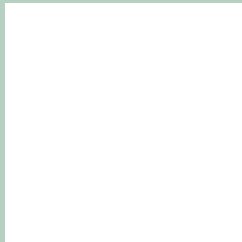
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9071, 0.3037, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 58.9071, 0.3037, 0.3476.

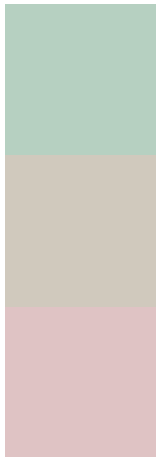


This preview shows how white text looks on a background with the Yxy color 58.9071, 0.3037, 0.3476.

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**

58.9071, 0.3037, 0.3476

Protanopia

58.8573, 0.3270, 0.3432

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.9178, 0.2893, 0.3099

Trichromacy



Original Color

58.9071, 0.3037, 0.3476

Protanomaly

59.0456, 0.3189, 0.3458

Deuteranomaly

58.6586, 0.3227, 0.3349

Tritanomaly

58.6301, 0.2945, 0.3229

Monochromacy



Original Color

58.9071, 0.3037, 0.3476

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6097, 0.3094, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9071, 0.3037, 0.3476 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(182, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 193)  
}
```

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(182, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.9071, 0.3037, 0.3476 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(182, 208, 193) }
```

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

```
.border{ border-color:rgb(182, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9071, 0.3037, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 193) }
```

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

```
.background{ background-color: rgb(182,  
208, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor