

Converting Colors

$Yxy(58.5520, 0.3086, 0.3584)$

Have a look what the booklet for
Yxy(58.5520, 0.3086, 0.3584)
contains.

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Color

Yxy(58.4383, 0.3084, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0B9
RGB	181, 208, 185
RGB Percent	71%, 82%, 73%
CMY	0.2901, 0.1843, 0.2745
CMYK	0.13, 0.00, 0.11, 0.18
HSL	129°, 22%, 76%
HSV	129°, 13%, 82%
XYZ	50.3700, 58.4383, 54.5185
YIQ	197.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

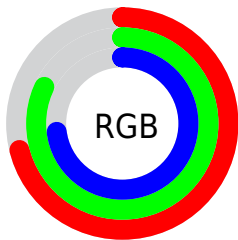
Format	Color
RYB	181, 205, 208
Decimal	11915449
CIELab	80.98, -13.40, 8.40
CIElCh	81, 15.817, 147.942
Yxy	58.4383, 0.3084, 0.3578
Android (android.graphics.Color)	4290105529 (0xFFB5D0B9)
YUV	197.3050, -6.0664, -14.2995
Hunter-Lab	76.4449, -16.1641, 11.2274

Details

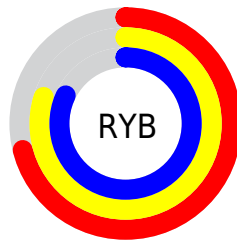
The Yxy color **58.4383, 0.3084, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8238, 0.3173, 0.3018**, and the grayscale version is **56.0721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8754, 0.3096, 0.3429**, and **29.3663, 0.3071, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **55.4081, 0.3050, 0.3833**, and if you desaturate by 10%, it is **61.9422, 0.3117, 0.3352**.

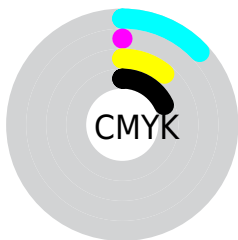
Distribution



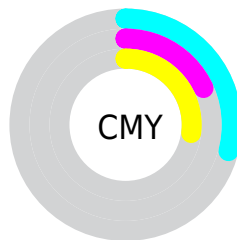
- Red (71%)
- Green (82%)
- Blue (73%)



- Red (71%)
- Yellow (80%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4383, 0.3084, 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 58.4383, 0.3084, 0.3578 by changing the saturation by 10% instead.

 58.4383, 0.3084,
0.3578

 58.4383, 0.3084,
0.3578


418.8172, 0.3106,
0.3437

 42.1611, 0.3078,
0.3613


 102.5608, 0.3092,
0.3527

 29.2275, 0.3071,
0.3656


131.1750, 0.3095,
0.3508

 19.2530, 0.3061,
0.3714


164.6703, 0.3098,
0.3492

 11.8532, 0.3047,
0.3794

203.4311, 0.3100,
0.3478

 6.6438, 0.3025,
0.3909

247.8417, 0.3102,
0.3465

 3.2404, 0.2989,
0.4093

298.2867, 0.3103,

 1.2585, 0.2934,

0.3455

0.4457

355.1504, 0.3105,
0.3445

■ 0.1087, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4383, 0.3084,
0.3578

■ 58.4383, 0.3084,
0.3578

■ 55.4081, 0.3050,
0.3833

■ 61.9422, 0.3117,
0.3352

■ 52.8243, 0.3018,
0.4115

■ 65.9313, 0.3150,
0.3154

■ 50.6679, 0.2988,
0.4419

■ 70.4257, 0.3180,
0.2981

■ 48.9155, 0.2964,
0.4736

■ 73.5931, 0.3149,
0.2831

■ 47.5419, 0.2947,
0.5050

■ 46.5185, 0.2940,
0.5343

■ 45.8131, 0.2944,
0.5595

■ 45.3868, 0.2957,
0.5789

■ 45.2103, 0.2968,
0.5886

Harmonies

Analogous

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



58.4383, 0.3289, 0.3651



58.4383, 0.3084, 0.3578



58.4383, 0.2895, 0.3419

Triad

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



58.4383, 0.3084, 0.3578



58.4383, 0.2805, 0.2964



58.4383, 0.3497, 0.3334

Complementary

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



58.4383, 0.3084, 0.3578



50.8238, 0.3173, 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.



58.4383, 0.3360, 0.3162



58.4383, 0.3084, 0.3578



58.4383, 0.2958, 0.2952

Square

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



58.4383, 0.3084, 0.3578



58.4383, 0.2738, 0.3061



58.4383, 0.3160, 0.3025



58.4383, 0.3532, 0.3501

Rectangle

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



58.4383, 0.3084, 0.3578



58.4383, 0.2802, 0.3291



58.4383, 0.3160, 0.3025



58.4383, 0.3461, 0.3275

Sweetspot

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



58.4408, 0.3084, 0.3578



97.5690, 0.3114, 0.3375



61.3444, 0.3291, 0.3611



20.7890, 0.3111, 0.3391



0.0000, 0.0000, 0.0000



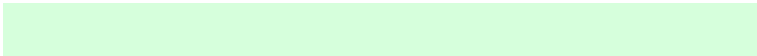
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4408, 0.3084, 0.3578



91.0250, 0.3073, 0.3657



59.0205, 0.2996, 0.3412



13.2343, 0.3096, 0.3494



28.1856, 0.2964, 0.5870



1.5853, 0.2884, 0.5582

Inverse Universe

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



50.8238, 0.3173, 0.3018



76.2930, 0.3186, 0.2949



50.2206, 0.3280, 0.3172



11.9778, 0.3160, 0.3094



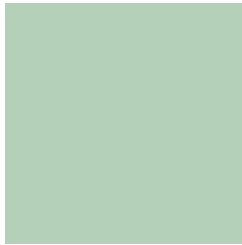
10.3557, 0.3618, 0.1766



0.5874, 0.3531, 0.1719

Previews

White Background



This preview shows how the Yxy color 58.4383, 0.3084, 0.3578 looks on a white background.

Color Contrast Check

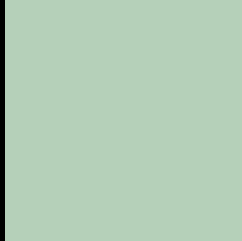
Large Text (above 18pt) WCAG AA × Fail

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 58.4383, 0.3084, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

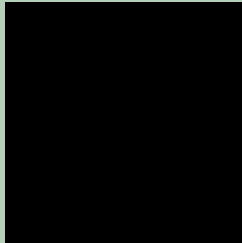
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4383, 0.3084, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 58.4383, 0.3084, 0.3578.



This preview shows how white text looks on a background with the Yxy color 58.4383, 0.3084, 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



Original Color

58.4383, 0.3084, 0.3578

Protanopia

58.2001, 0.3340, 0.3516

Deuteranopia

58.2220, 0.3428, 0.3359



Tritanopia

58.3911, 0.2899, 0.3099

Trichromacy



Original Color

58.4383, 0.3084, 0.3578

Protanomaly

58.2314, 0.3248, 0.3545

Deuteranomaly

57.9900, 0.3296, 0.3432

Tritanomaly

58.4819, 0.2965, 0.3265

Monochromacy



Original Color

58.4383, 0.3084, 0.3578

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6999, 0.3107, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4383, 0.3084, 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(181, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 185)  
}
```

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(181, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 185) }
```

Border

The CSS property to change the border of an element to Yxy 58.4383, 0.3084, 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(181, 208, 185) }
```

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

```
.border{ border-color:rgb(181, 208, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4383, 0.3084, 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(181, 208, 185) }
```

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

```
.background{ background-color: rgb(181,  
208, 185) }
```

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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