

Converting Colors

$Yxy(58.0788, 0.3050, 0.3485)$

Have a look what the booklet for
Yxy(58.0788, 0.3050, 0.3485)
contains.

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Color

Yxy(58.3323, 0.3051, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	B6CFBF
RGB	182, 207, 191
RGB Percent	71%, 81%, 75%
CMY	0.2862, 0.1882, 0.2511
CMYK	0.12, 0.00, 0.08, 0.19
HSL	142°, 21%, 76%
HSV	142°, 12%, 81%
XYZ	51.0094, 58.3323, 57.8475
YIQ	197.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

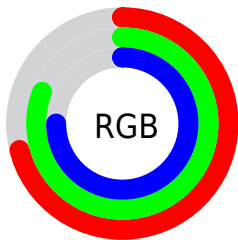
Format	Color
RYB	182, 200, 207
Decimal	11980735
CIELab	80.92, -11.45, 5.13
CIELCh	81, 12.542, 155.880
Yxy	58.3323, 0.3051, 0.3489
Android (android.graphics.Color)	4290170815 (0xFFB6CFBF)
YUV	197.7010, -3.3036, -13.7698
Hunter-Lab	76.3756, -14.4414, 8.5562

Details

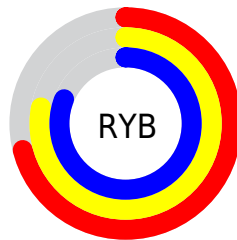
The Yxy color **58.3323, 0.3051, 0.3489** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8091, 0.3212, 0.3099**, and the grayscale version is **56.3082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4125, 0.3068, 0.3369**, and **29.2846, 0.3027, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **55.4393, 0.2989, 0.3676**, and if you desaturate by 10%, it is **61.6558, 0.3114, 0.3322**.

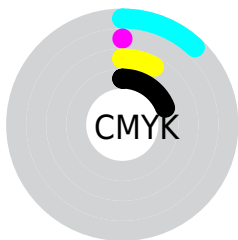
Distribution



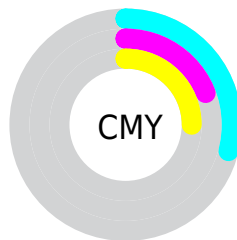
- Red (71%)
- Green (81%)
- Blue (75%)



- Red (71%)
- Yellow (78%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)





- Cyan (29%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3323, 0.3051, 0.3489 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 58.3323, 0.3051, 0.3489 by changing the saturation by 10% instead.


 58.3323, 0.3051,
0.3489

 58.3323, 0.3051,
0.3489


418.4230, 0.3088,
0.3392

 42.0759, 0.3042,
0.3513


 102.4066, 0.3064,
0.3454

 29.1607, 0.3030,
0.3543


130.9933, 0.3070,
0.3441

 19.2024, 0.3015,
0.3582


164.4588, 0.3074,
0.3430

 11.8166, 0.2994,
0.3636

203.1875, 0.3078,
0.3420

 6.6189, 0.2964,
0.3714

247.5639, 0.3081,
0.3412

 3.2250, 0.2915,
0.3837

297.9724, 0.3084,

 1.2503, 0.2826,

0.3404

354.7973, 0.3086,
0.3398

0.4061

0.1022, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.3323, 0.3051,
0.3489

58.3323, 0.3051,
0.3489

55.4393, 0.2989,
0.3676

61.6558, 0.3114,
0.3322

52.9517, 0.2931,
0.3883

65.4190, 0.3177,
0.3175

50.8530, 0.2880,
0.4108

69.6402, 0.3238,
0.3045

49.1228, 0.2838,
0.4348

72.4236, 0.3225,
0.2923

■ 47.7385, 0.2809,
0.4597

■ 73.1066, 0.3149,
0.2821

■ 46.6753, 0.2796,
0.4845

■ 45.9046, 0.2801,
0.5085

■ 45.3925, 0.2823,
0.5304

■ 45.1241, 0.2850,
0.5458

Harmonies

Analogous

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



58.3323, 0.3215, 0.3567



58.3323, 0.3051, 0.3489



58.3323, 0.2910, 0.3353

Triad

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



58.3323, 0.3051, 0.3489



58.3323, 0.2898, 0.3021



58.3323, 0.3436, 0.3364

Complementary

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



58.3323, 0.3051, 0.3489



50.8091, 0.3212, 0.3099

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.



58.3323, 0.3347, 0.3224



58.3323, 0.3051, 0.3489



58.3323, 0.3034, 0.3029

Square

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



58.3323, 0.3051, 0.3489



58.3323, 0.2823, 0.3082



58.3323, 0.3198, 0.3103



58.3323, 0.3440, 0.3489

Rectangle

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



58.3323, 0.3051, 0.3489



58.3323, 0.2847, 0.3252



58.3323, 0.3198, 0.3103



58.3323, 0.3415, 0.3317

Sweetspot

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



58.3348, 0.3051, 0.3489



97.7023, 0.3102, 0.3354



60.0457, 0.3237, 0.3592



20.8226, 0.3097, 0.3366



0.0000, 0.0000, 0.0000



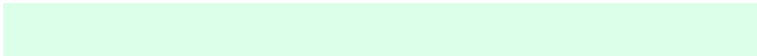
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3348, 0.3051, 0.3489



92.4586, 0.3038, 0.3527



58.8981, 0.2969, 0.3335



13.2753, 0.3068, 0.3443



28.4461, 0.2842, 0.5433



1.6055, 0.2737, 0.5053

Inverse Universe

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



50.8091, 0.3212, 0.3099



78.5025, 0.3229, 0.3065



50.2651, 0.3312, 0.3245



11.9341, 0.3192, 0.3142



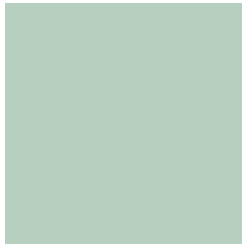
9.4395, 0.4363, 0.2177



0.5427, 0.4098, 0.2031

Previews

White Background



This preview shows how the Yxy color 58.3323, 0.3051, 0.3489 looks on a white background.

Color Contrast Check

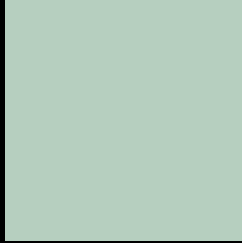
Large Text (above 18pt) WCAG AA × Fail

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 58.3323, 0.3051, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

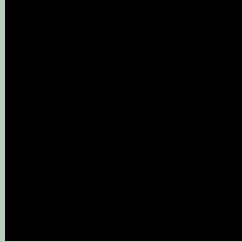
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

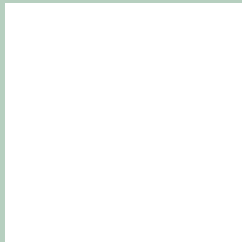
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3323, 0.3051, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 58.3323, 0.3051, 0.3489.

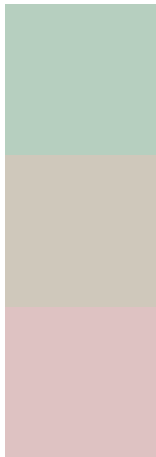


This preview shows how white text looks on a background with the Yxy color 58.3323, 0.3051, 0.3489.

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

58.3323, 0.3051, 0.3489

Protanopia

58.1618, 0.3279, 0.3445

Deuteranopia

58.0082, 0.3356, 0.3291



Tritanopia

58.3911, 0.2899, 0.3099

Trichromacy



Original Color

58.3323, 0.3051, 0.3489

Protanomaly

58.3485, 0.3196, 0.3472

Deuteranomaly

57.9625, 0.3235, 0.3361

Tritanomaly

58.1035, 0.2951, 0.3229

Monochromacy



Original Color

58.3323, 0.3051, 0.3489

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9199, 0.3101, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3323, 0.3051, 0.3489 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, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 191)  
}
```

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, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.3323, 0.3051, 0.3489 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, 207, 191) }
```

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

```
.border{ border-color:rgb(182, 207, 191) }
```

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

Here you see how a box with a 4 pixel rgb(182, 207, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3323, 0.3051, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 191) }
```

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

```
.background{ background-color: rgb(182,  
207, 191) }
```

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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