

Converting Colors

Yxy(57.4780, 0.3290, 0.3885)

Have a look what the booklet for
Yxy(57.4780, 0.3290, 0.3885)
contains.

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Color

Yxy(57.4780, 0.3290, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	B9CFA0
RGB	185, 207, 160
RGB Percent	73%, 81%, 63%
CMY	0.2743, 0.1883, 0.3725
CMYK	0.11, 0.00, 0.23, 0.19
HSL	88°, 33%, 72%
HSV	88°, 23%, 81%
XYZ	48.6751, 57.4780, 41.7955
YIQ	195.0640, 1.9750, -19.2810

Conversions

Conversions Part 2

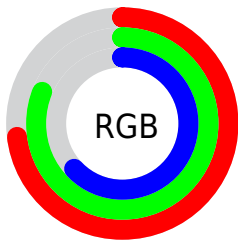
Format	Color
RYB	160, 207, 182
Decimal	12177312
CIELab	80.45, -15.69, 20.94
CIELCh	80, 26.166, 126.852
Yxy	57.4780, 0.3290, 0.3885
Android (android.graphics.Color)	4290367392 (0xFFB9CFA0)
YUV	195.0640, -17.2866, -8.8261
Hunter-Lab	75.8142, -18.0725, 20.3841

Details

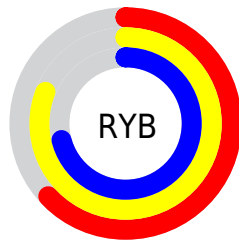
The Yxy color **57.4780, 0.3290, 0.3885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5945, 0.2931, 0.2691**, and the grayscale version is **54.7238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1271, 0.3272, 0.3692**, and **28.7707, 0.3331, 0.4059** is the 20% darker color. If you saturate the color by 10%, you get **55.6526, 0.3357, 0.4174**, and if you desaturate by 10%, it is **59.5109, 0.3219, 0.3611**.

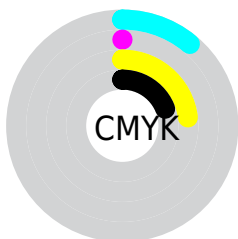
Distribution



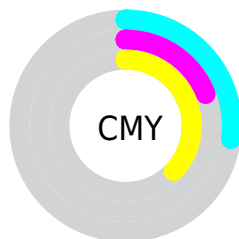
- Red (73%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)





- Cyan (27%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4780, 0.3290, 0.3885 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 57.4780, 0.3290, 0.3885 by changing the saturation by 10% instead.


 57.4780, 0.3290,
0.3885


 57.4780, 0.3290,
0.3885


415.2380, 0.3216,
0.3590

 41.3891, 0.3306,
0.3958


 101.1623, 0.3265,
0.3779

 28.6233, 0.3325,
0.4050


 129.5266, 0.3255,
0.3738

 18.7960, 0.3349,
0.4172


162.7514, 0.3246,
0.3704

 11.5230, 0.3377,
0.4339

201.2212, 0.3239,
0.3675

 6.4198, 0.3409,
0.4582

245.3203, 0.3232,
0.3650

 3.1020, 0.3438,
0.4960

295.4333, 0.3226,

 1.1852, 0.3767,

0.3627

0.6233

351.9444, 0.3221,
0.3608

0.0496, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4780, 0.3290,
0.3885

57.4780, 0.3290,
0.3885

55.6526, 0.3357,
0.4174

59.5109, 0.3219,
0.3611

54.0196, 0.3415,
0.4469


61.7508, 0.3147,
0.3355


52.5733, 0.3461,
0.4759


64.2070, 0.3075,
0.3121


51.3049, 0.3489,
0.5031


66.8860, 0.3006,
0.2909

 50.2046, 0.3496,
0.5271

 69.2330, 0.2995,
0.2798


 49.2615, 0.3481,
0.5464

 70.9093, 0.3064,
0.2809

 48.4626, 0.3443,
0.5604

 72.6762, 0.3133,
0.2819

 47.9547, 0.3407,
0.5677

 73.1017, 0.3149,
0.2821

Harmonies

Analogous

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



57.4780, 0.3597, 0.3871



57.4780, 0.3290, 0.3885



57.4780, 0.2951, 0.3712

Triad

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



57.4780, 0.3290, 0.3885



57.4780, 0.2508, 0.2845



57.4780, 0.3598, 0.3156

Complementary

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



57.4780, 0.3290, 0.3885



39.5945, 0.2931, 0.2691

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.



57.4780, 0.3282, 0.2916



57.4780, 0.3290, 0.3885



57.4780, 0.2659, 0.2736

Square

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



57.4780, 0.3290, 0.3885



57.4780, 0.2511, 0.3085



57.4780, 0.2937, 0.2765



57.4780, 0.3785, 0.3436

Rectangle

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



57.4780, 0.3290, 0.3885



57.4780, 0.2752, 0.3517



57.4780, 0.2937, 0.2765



57.4780, 0.3502, 0.3069

Sweetspot

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



57.4805, 0.3290, 0.3885



97.3556, 0.3178, 0.3465



49.2347, 0.3530, 0.3562



20.7910, 0.3183, 0.3480



0.0000, 0.0000, 0.0000



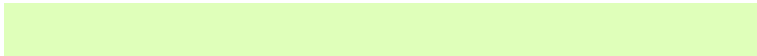
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4805, 0.3290, 0.3885



90.7328, 0.3322, 0.4017



54.7986, 0.3109, 0.3919



13.5119, 0.3195, 0.3525



30.2732, 0.3416, 0.5669



1.7397, 0.3552, 0.5562

Inverse Universe

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



39.5945, 0.2931, 0.2691



57.3556, 0.2883, 0.2557



42.6933, 0.3139, 0.2728



11.6845, 0.3054, 0.3055



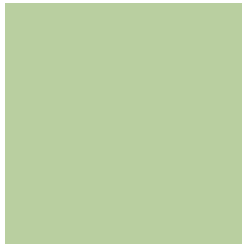
4.4849, 0.1968, 0.0858



0.2978, 0.2174, 0.0971

Previews

White Background



This preview shows how the Yxy color 57.4780, 0.3290, 0.3885 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 57.4780, 0.3290, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

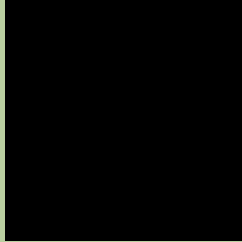
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4780, 0.3290, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 57.4780, 0.3290, 0.3885.



This preview shows how white text looks on a background with the Yxy color 57.4780, 0.3290, 0.3885.

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

57.4780, 0.3290, 0.3885

Protanopia

57.2442, 0.3560, 0.3804

Deuteranopia

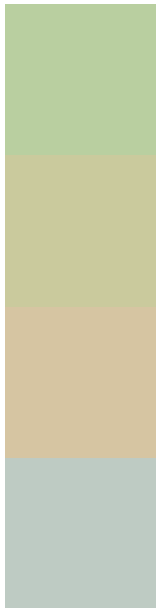
57.3325, 0.3688, 0.3620



Tritanopia

57.5523, 0.2969, 0.3111

Trichromacy



Original Color

57.4780, 0.3290, 0.3885

Protanomaly

57.2319, 0.3460, 0.3840

Deuteranomaly

56.8373, 0.3536, 0.3706

Tritanomaly

57.5992, 0.3084, 0.3388

Monochromacy



Original Color

57.4780, 0.3290, 0.3885

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3006, 0.3188, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4780, 0.3290, 0.3885 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(185, 207, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 160)  
}
```

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(185, 207, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.4780, 0.3290, 0.3885 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(185, 207, 160) }
```

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

```
.border{ border-color:rgb(185, 207, 160) }
```

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

Here you see how a box with a 4 pixel rgb(185, 207, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4780, 0.3290, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 160) }
```

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

```
.background{ background-color: rgb(185,  
207, 160) }
```

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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