

Converting Colors

$Yxy(57.8384, 0.3278, 0.3809)$

Have a look what the booklet for
Yxy(57.8384, 0.3278, 0.3809)
contains.

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Color

Yxy(58.0336, 0.3278, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFA5
RGB	188, 207, 165
RGB Percent	74%, 81%, 65%
CMY	0.2628, 0.1882, 0.3530
CMYK	0.09, 0.00, 0.20, 0.19
HSL	87°, 30%, 73%
HSV	87°, 20%, 81%
XYZ	49.8387, 58.0336, 44.1676
YIQ	196.5310, 2.1580, -17.0900

Conversions

Conversions Part 2

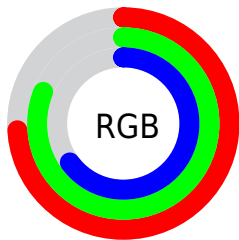
Format	Color
RYB	165, 207, 184
Decimal	12373925
CIELab	80.76, -13.87, 18.77
CIELCh	81, 23.338, 126.450
Yxy	58.0336, 0.3278, 0.3817
Android (android.graphics.Color)	4290564005 (0xFFBCCFA5)
YUV	196.5310, -15.5448, -7.4817
Hunter-Lab	76.1798, -16.5356, 18.9507

Details

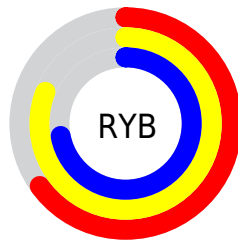
The Yxy color **58.0336, 0.3278, 0.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6064, 0.2950, 0.2759**, and the grayscale version is **55.6307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9204, 0.3262, 0.3639**, and **29.0431, 0.3306, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **56.1900, 0.3348, 0.4102**, and if you desaturate by 10%, it is **60.0816, 0.3204, 0.3547**.

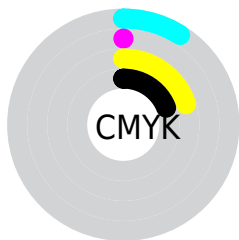
Distribution



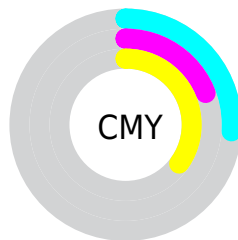
- Red (74%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)





- Cyan (26%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0336, 0.3278, 0.3817 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 58.0336, 0.3278, 0.3817 by changing the saturation by 10% instead.


 58.0336, 0.3278,
0.3817


 58.0336, 0.3278,
0.3817


417.3111, 0.3209,
0.3557

 41.8357, 0.3293,
0.3881


 101.9718, 0.3254,
0.3723

 28.9726, 0.3312,
0.3962


 130.4808, 0.3245,
0.3688

 19.0601, 0.3335,
0.4069


163.8624, 0.3237,
0.3658

 11.7137, 0.3363,
0.4215

202.5008, 0.3230,
0.3632

 6.5491, 0.3397,
0.4427

246.7804, 0.3224,
0.3609

 3.1817, 0.3436,
0.4758

297.0858, 0.3218,

 1.2273, 0.3926,

0.3590

0.6074

353.8012, 0.3213,
0.3572

■ 0.0839, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0336, 0.3278,
0.3817

■ 58.0336, 0.3278,
0.3817

■ 56.1900, 0.3348,
0.4102

■ 60.0816, 0.3204,
0.3547

■ 54.5360, 0.3412,
0.4394

■ 62.3334, 0.3129,
0.3297


■ 53.0662, 0.3463,
0.4685

■ 64.7979, 0.3056,
0.3068


■ 51.7721, 0.3498,
0.4960


■ 67.4815, 0.2986,
0.2861


 50.6444, 0.3513,
0.5206


 69.4898, 0.3005,
0.2800


 49.6727, 0.3505,
0.5409

 71.1269, 0.3072,
0.2810

 48.8446, 0.3474,
0.5560

 72.8494, 0.3139,
0.2820

 48.1581, 0.3427,
0.5661

 73.1111, 0.3149,
0.2821

Harmonies

Analogous

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



58.0336, 0.3549, 0.3806



58.0336, 0.3278, 0.3817



58.0336, 0.2975, 0.3666

Triad

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



58.0336, 0.3278, 0.3817



58.0336, 0.2573, 0.2897



58.0336, 0.3542, 0.3168

Complementary

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



58.0336, 0.3278, 0.3817



41.6064, 0.2950, 0.2759

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.



58.0336, 0.3261, 0.2953



58.0336, 0.3278, 0.3817



58.0336, 0.2707, 0.2795

Square

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



58.0336, 0.3278, 0.3817



58.0336, 0.2578, 0.3114



58.0336, 0.2955, 0.2819



58.0336, 0.3710, 0.3420

Rectangle

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



58.0336, 0.3278, 0.3817



58.0336, 0.2796, 0.3496



58.0336, 0.2955, 0.2819



58.0336, 0.3457, 0.3090

Sweetspot

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



58.0361, 0.3278, 0.3817



97.7627, 0.3172, 0.3439



50.2231, 0.3483, 0.3523



20.8747, 0.3177, 0.3456



0.0000, 0.0000, 0.0000



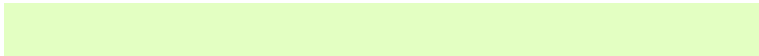
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0361, 0.3278, 0.3817



91.7824, 0.3307, 0.3929



55.5731, 0.3117, 0.3844



13.5203, 0.3197, 0.3524



30.3950, 0.3437, 0.5653



1.7463, 0.3570, 0.5547

Inverse Universe

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



41.6064, 0.2950, 0.2759



61.1686, 0.2908, 0.2644



44.3794, 0.3132, 0.2787



11.6761, 0.3052, 0.3055



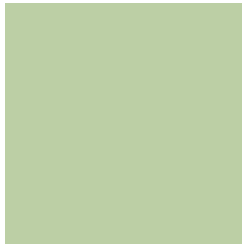
4.3844, 0.1942, 0.0843



0.2920, 0.2149, 0.0958

Previews

White Background



This preview shows how the Yxy color 58.0336, 0.3278, 0.3817 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 58.0336, 0.3278, 0.3817 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

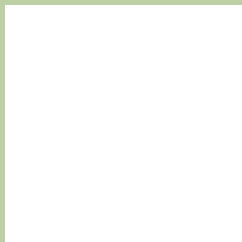
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0336, 0.3278, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 58.0336, 0.3278, 0.3817.



This preview shows how white text looks on a background with the Yxy color 58.0336, 0.3278, 0.3817.

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

58.0336, 0.3278, 0.3817

Protanopia

57.9142, 0.3511, 0.3743

Deuteranopia

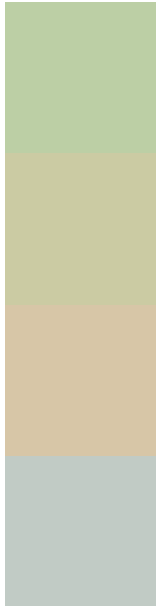
57.9560, 0.3644, 0.3574



Tritanopia

58.0022, 0.2984, 0.3101

Trichromacy



Original Color

58.0336, 0.3278, 0.3817

Protanomaly

58.0527, 0.3421, 0.3776

Deuteranomaly

57.6253, 0.3502, 0.3657

Tritanomaly

58.0805, 0.3093, 0.3363

Monochromacy



Original Color

58.0336, 0.3278, 0.3817

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7454, 0.3188, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0336, 0.3278, 0.3817 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(188, 207, 165)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 165)  
}
```

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(188, 207, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 165) }
```

Border

The CSS property to change the border of an element to Yxy 58.0336, 0.3278, 0.3817 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(188, 207, 165) }
```

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

```
.border{ border-color:rgb(188, 207, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 207, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 165);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0336, 0.3278, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 165) }
```

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

```
.background{ background-color: rgb(188,  
207, 165) }
```

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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