

Converting Colors

$Yxy(58.2187, 0.3301, 0.3804)$

Have a look what the booklet for
Yxy(58.2187, 0.3301, 0.3804)
contains.

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Color

Yxy(58.4186, 0.3302, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	BFCFA5
RGB	191, 207, 165
RGB Percent	75%, 81%, 65%
CMY	0.2510, 0.1882, 0.3530
CMYK	0.08, 0.00, 0.20, 0.19
HSL	83°, 30%, 73%
HSV	83°, 20%, 81%
XYZ	50.5896, 58.4186, 44.2008
YIQ	197.4280, 3.9460, -16.4540

Conversions

Conversions Part 2

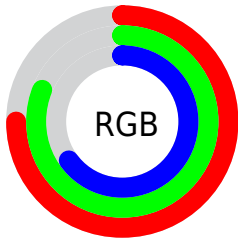
Format	Color
RYB	165, 207, 181
Decimal	12570533
CIELab	80.97, -12.77, 19.10
CIELCh	81, 22.979, 123.763
Yxy	58.4186, 0.3302, 0.3813
Android (android.graphics.Color)	4290760613 (0xFFBFCFA5)
YUV	197.4280, -15.9870, -5.6374
Hunter-Lab	76.4321, -15.6087, 19.2149

Details

The Yxy color **58.4186, 0.3302, 0.3813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2343, 0.2924, 0.2755**, and the grayscale version is **56.2048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6438, 0.3288, 0.3636**, and **29.2931, 0.3338, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **56.7325, 0.3385, 0.4092**, and if you desaturate by 10%, it is **60.2869, 0.3216, 0.3546**.

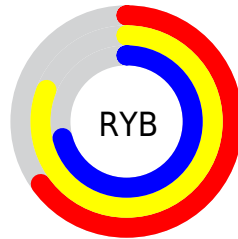
Distribution



Red (75%)

Green (81%)

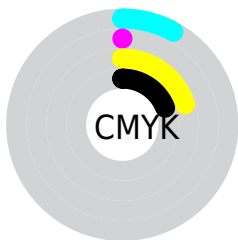
Blue (65%)



Red (65%)

Yellow (81%)

Blue (71%)

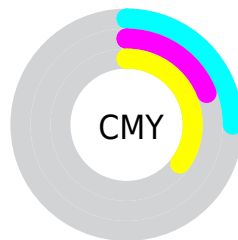


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (19%)



Cyan (25%)


Magenta (19%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4186, 0.3302, 0.3813 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 58.4186, 0.3302, 0.3813 by changing the saturation by 10% instead.


 58.4186, 0.3302,
0.3813

 58.4186, 0.3302,
0.3813


418.7439, 0.3221,
0.3556

 42.1453, 0.3320,
0.3876


 102.5322, 0.3274,
0.3720

 29.2151, 0.3342,
0.3956


 131.1412, 0.3263,
0.3685

 19.2436, 0.3370,
0.4061


164.6310, 0.3254,
0.3656

 11.8464, 0.3404,
0.4204

203.3858, 0.3246,
0.3630

 6.6392, 0.3448,
0.4410

247.7901, 0.3239,
0.3608

 3.2375, 0.3500,
0.4731

298.2283, 0.3232,

 1.2569, 0.4013,

0.3588

0.5987

355.0848, 0.3226,
0.3571

0.1075, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.4186, 0.3302,
0.3813

58.4186, 0.3302,
0.3813

56.7325, 0.3385,
0.4092

60.2869, 0.3216,
0.3546

55.2141, 0.3460,
0.4376

62.3359, 0.3130,
0.3297

53.8589, 0.3524,
0.4656

64.5742, 0.3046,
0.3067

52.6589, 0.3571,
0.4919

67.0075, 0.2965,
0.2858

■ 51.6055, 0.3597,
0.5151

■ 68.7414, 0.2974,
0.2796

■ 50.6889, 0.3599,
0.5341

■ 70.0787, 0.3030,
0.2804

■ 49.8976, 0.3577,
0.5481

■ 71.4758, 0.3086,
0.2812

■ 49.2301, 0.3537,
0.5574

■ 72.9335, 0.3142,
0.2820

■ 73.1082, 0.3149,
0.2821

Harmonies

Analogous

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



58.4186, 0.3562, 0.3788



58.4186, 0.3302, 0.3813



58.4186, 0.3004, 0.3678

Triad

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



58.4186, 0.3302, 0.3813



58.4186, 0.2577, 0.2919



58.4186, 0.3514, 0.3149

Complementary

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



58.4186, 0.3302, 0.3813



41.2343, 0.2924, 0.2755

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.



58.4186, 0.3232, 0.2943



58.4186, 0.3302, 0.3813



58.4186, 0.2697, 0.2808

Square

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



58.4186, 0.3302, 0.3813



58.4186, 0.2594, 0.3141



58.4186, 0.2933, 0.2820



58.4186, 0.3691, 0.3396

Rectangle

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



58.4186, 0.3302, 0.3813



58.4186, 0.2824, 0.3516



58.4186, 0.2933, 0.2820



58.4186, 0.3427, 0.3074

Sweetspot

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



58.4212, 0.3302, 0.3813



97.9649, 0.3179, 0.3439



48.7846, 0.3491, 0.3481



20.9225, 0.3185, 0.3455



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.



58.4212, 0.3302, 0.3813



92.5101, 0.3336, 0.3923



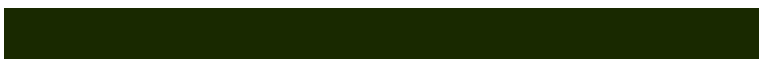
55.9565, 0.3143, 0.3839



13.5634, 0.3208, 0.3524



31.0712, 0.3546, 0.5567



1.7821, 0.3665, 0.5472

Inverse Universe

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



41.2343, 0.2924, 0.2755



60.4831, 0.2877, 0.2638



43.8850, 0.3101, 0.2782



11.6340, 0.3041, 0.3054



3.9317, 0.1821, 0.0777



0.2649, 0.2032, 0.0893

Previews

White Background



This preview shows how the Yxy color 58.4186, 0.3302, 0.3813 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 58.4186, 0.3302, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

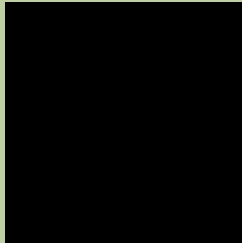
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4186, 0.3302, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 58.4186, 0.3302, 0.3813.



This preview shows how white text looks on a background with the Yxy color 58.4186, 0.3302, 0.3813.

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

58.4186, 0.3302, 0.3813

Protanopia

58.0633, 0.3519, 0.3741

Deuteranopia

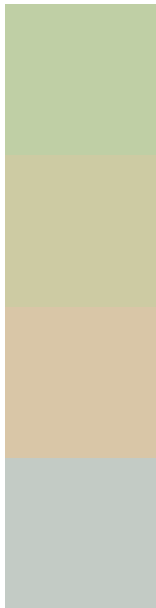
58.1229, 0.3653, 0.3573



Tritanopia

58.2722, 0.2999, 0.3102

Trichromacy



Original Color

58.4186, 0.3302, 0.3813

Protanomaly

58.3354, 0.3438, 0.3774

Deuteranomaly

57.9299, 0.3519, 0.3655

Tritanomaly

58.3452, 0.3108, 0.3362

Monochromacy



Original Color

58.4186, 0.3302, 0.3813

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.8782, 0.3196, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4186, 0.3302, 0.3813 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(191, 207, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 207, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 165) }
```

Border

The CSS property to change the border of an element to Yxy 58.4186, 0.3302, 0.3813 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(191, 207, 165) }
```

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

```
.border{ border-color:rgb(191, 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(191, 207, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 207, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 207, 165);  
box-shadow:4px 4px 4px 4px rgb(191, 207,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4186, 0.3302, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 165) }
```

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

```
.background{ background-color: rgb(191,  
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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