

Converting Colors

Yxy(58.7823, 0.3544, 0.4013)

Have a look what the booklet for
Yxy(58.7823, 0.3544, 0.4013)
contains.

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Color

Yxy(58.9144, 0.3539, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	CBCE92
RGB	203, 206, 146
RGB Percent	80%, 81%, 57%
CMY	0.2038, 0.1922, 0.4275
CMYK	0.01, 0.00, 0.29, 0.19
HSL	63°, 38%, 69%
HSV	63°, 29%, 81%
XYZ	51.8910, 58.9144, 35.8208
YIQ	198.2630, 17.4720, -19.2960

Conversions

Conversions Part 2

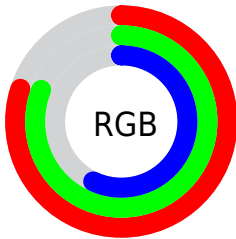
Format	Color
R_{YB}	146, 206, 149
Decimal	13356690
CIE Lab	81.24, -10.50, 29.60
CIE LCh	81, 31.405, 109.541
Yxy	58.9144, 0.3539, 0.4018
Android (android.graphics.Color)	4291546770 (0xFFCBCE92)
YUV	198.2630, -25.7657, 4.1543
Hunter-Lab	76.7557, -13.6469, 26.0592

Details

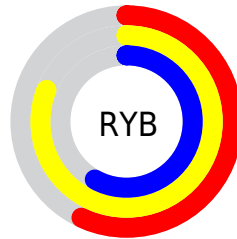
The Yxy color **58.9144, 0.3539, 0.4018** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3925, 0.2644, 0.2455**, and the grayscale version is **56.7941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **29.5786, 0.3629, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **58.1897, 0.3675, 0.4264**, and if you desaturate by 10%, it is **59.7609, 0.3397, 0.3765**.

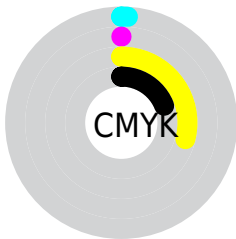
Distribution



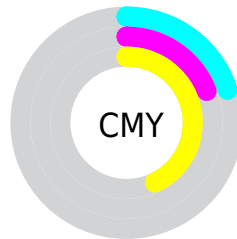
- Red (80%)
- Green (81%)
- Blue (57%)



- Red (57%)
- Yellow (81%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)




- Cyan (20%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9144, 0.3539, 0.4018 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 58.9144, 0.3539, 0.4018 by changing the saturation by 10% instead.


 58.9144, 0.3539,
0.4018

 58.9144, 0.3539,
0.4018


420.5846, 0.3348,
0.3663

 42.5442, 0.3582,
0.4103


 103.2532, 0.3473,
0.3892

 29.5277, 0.3634,
0.4209


 131.9907, 0.3447,
0.3843

 19.4803, 0.3698,
0.4347


165.6194, 0.3425,
0.3802

 12.0179, 0.3778,
0.4529

204.5236, 0.3405,
0.3767

 6.7559, 0.3876,
0.4781

249.0879, 0.3388,
0.3736

 3.3099, 0.4032,
0.5197

299.6965, 0.3373,

 1.2956, 0.4178,

0.3709

356.7340, 0.3360,
0.3685

0.5822

0.1378, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.9144, 0.3539,
0.4018

58.9144, 0.3539,
0.4018

58.1897, 0.3675,
0.4264

59.7609, 0.3397,
0.3765

57.5725, 0.3801,
0.4494

60.7269, 0.3255,
0.3513

57.0589, 0.3909,
0.4697

61.8205, 0.3115,
0.3269

56.6411, 0.3996,
0.4865

63.0467, 0.2982,
0.3038

■ 56.3107, 0.4057,
0.4991

■ 64.4103, 0.2858,
0.2822

■ 56.0574, 0.4092,
0.5074

■ 64.9409, 0.2828,
0.2763

■ 55.8645, 0.4106,
0.5118

■ 65.0906, 0.2834,
0.2764

■ 55.8488, 0.4106,
0.5122

■ 65.2413, 0.2841,
0.2765

■ 65.3930, 0.2848,
0.2766

Harmonies

Analogous

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



58.9144, 0.3835, 0.3875



58.9144, 0.3539, 0.4018



58.9144, 0.3144, 0.3945

Triad

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



58.9144, 0.3539, 0.4018



58.9144, 0.2378, 0.2905



58.9144, 0.3480, 0.2958

Complementary

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



58.9144, 0.3539, 0.4018



31.3925, 0.2644, 0.2455

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.



58.9144, 0.3068, 0.2733



58.9144, 0.3539, 0.4018



58.9144, 0.2452, 0.2688

Square

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



58.9144, 0.3539, 0.4018



58.9144, 0.2486, 0.3258



58.9144, 0.2696, 0.2634



58.9144, 0.3808, 0.3265

Rectangle

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



58.9144, 0.3539, 0.4018



58.9144, 0.2880, 0.3770



58.9144, 0.2696, 0.2634



58.9144, 0.3346, 0.2872

Sweetspot

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



58.9170, 0.3539, 0.4018



98.3937, 0.3254, 0.3513



36.3695, 0.3761, 0.3318



21.0082, 0.3275, 0.3549



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.



58.9170, 0.3539, 0.4018



94.6936, 0.3626, 0.4174



55.2148, 0.3302, 0.4078



13.0672, 0.3258, 0.3520



34.4026, 0.4108, 0.5120



1.7837, 0.4125, 0.5106

Inverse Universe

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



31.3925, 0.2644, 0.2455



42.9677, 0.2519, 0.2243



34.4708, 0.2899, 0.2513



10.8701, 0.2990, 0.3051



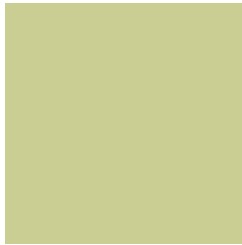
2.7971, 0.1517, 0.0610



0.1538, 0.1576, 0.0642

Previews

White Background



This preview shows how the Yxy color 58.9144, 0.3539, 0.4018 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 58.9144, 0.3539, 0.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

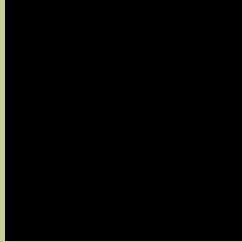
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

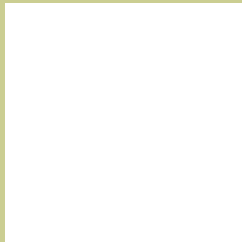
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9144, 0.3539, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 58.9144, 0.3539, 0.4018.



This preview shows how white text looks on a background with the Yxy color 58.9144, 0.3539, 0.4018.

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

58.9144, 0.3539, 0.4018

Protanopia

59.0064, 0.3684, 0.3969

Deuteranopia

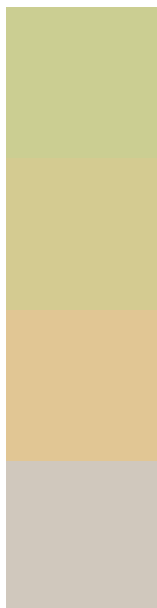
58.4870, 0.3860, 0.3778



Tritanopia

58.5855, 0.3120, 0.3107

Trichromacy



Original Color

58.9144, 0.3539, 0.4018

Protanomaly

58.7533, 0.3631, 0.3979

Deuteranomaly

58.5338, 0.3736, 0.3865

Tritanomaly

58.3926, 0.3272, 0.3420

Monochromacy



Original Color

58.9144, 0.3539, 0.4018

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3073, 0.3281, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9144, 0.3539, 0.4018 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(203, 206, 146)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 146)  
}
```

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(203, 206, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 146) }
```

Border

The CSS property to change the border of an element to Yxy 58.9144, 0.3539, 0.4018 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(203, 206, 146) }
```

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

```
.border{ border-color:rgb(203, 206, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 146);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9144, 0.3539, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 146) }
```

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

```
.background{ background-color: rgb(203,  
206, 146) }
```

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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