

Converting Colors

Yxy(58.8318, 0.3490, 0.4146)

Have a look what the booklet for
Yxy(58.8318, 0.3490, 0.4146)
contains.

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Color

Yxy(58.8318, 0.3490, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	C1D18C
RGB	193, 209, 140
RGB Percent	76%, 82%, 55%
CMY	0.2432, 0.1804, 0.4511
CMYK	0.08, 0.00, 0.33, 0.18
HSL	74°, 43%, 68%
HSV	74°, 33%, 82%
XYZ	49.5232, 58.8318, 33.5452
YIQ	196.3500, 12.6130, -24.8510

Conversions

Conversions Part 2

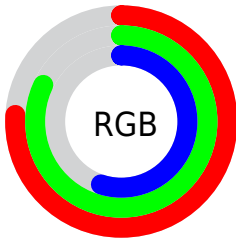
Format	Color
RYB	140, 209, 156
Decimal	12702092
CIELab	81.20, -16.62, 32.51
CIELCh	81, 36.509, 117.082
Yxy	58.8318, 0.3490, 0.4146
Android (android.graphics.Color)	4290892172 (0xFFC1D18C)
YUV	196.3500, -27.7805, -2.9379
Hunter-Lab	76.7019, -18.9784, 27.7611

Details

The Yxy color **58.8318, 0.3490, 0.4146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.4191, 0.2674, 0.2351**, and the grayscale version is **55.5867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7390, 0.3456, 0.3897**, and **29.6529, 0.3569, 0.4378** is the 20% darker color. If you saturate the color by 10%, you get **57.6485, 0.3589, 0.4411**, and if you desaturate by 10%, it is **60.1583, 0.3382, 0.3878**.

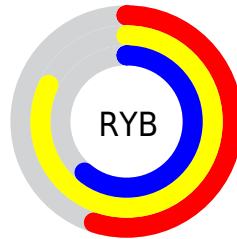
Distribution



Red (76%)

Green (82%)

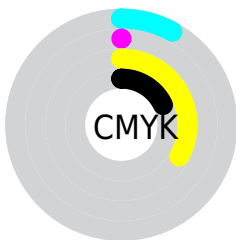
Blue (55%)



Red (55%)

Yellow (82%)

Blue (61%)

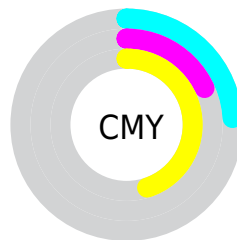


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8318, 0.3490, 0.4146 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 58.8318, 0.3490, 0.4146 by changing the saturation by 10% instead.

■ 58.8318, 0.3490,
0.4146

■ 58.8318, 0.3490,
0.4146

420.2783, 0.3326,
0.3725

■ 42.4777, 0.3525,
0.4248

■ 103.1332, 0.3435,
0.3995

■ 29.4756, 0.3567,
0.4376

■ 131.8493, 0.3413,
0.3938

■ 19.4409, 0.3616,
0.4542

■ 165.4548, 0.3393,
0.3889

■ 11.9893, 0.3673,
0.4764

204.3342, 0.3377,
0.3847

■ 6.7364, 0.3733,
0.5071

248.8719, 0.3362,
0.3810

■ 3.2978, 0.3867,
0.5649

299.4522, 0.3348,

■ 1.2891, 0.3748,

0.3778

0.6252

356.4595, 0.3337,
0.3750

■ 0.1327, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8318, 0.3490,
0.4146

■ 58.8318, 0.3490,
0.4146

■ 57.6485, 0.3589,
0.4411

■ 60.1583, 0.3382,
0.3878

■ 56.5938, 0.3676,
0.4663


■ 61.6265, 0.3271,
0.3615

■ 55.6627, 0.3743,
0.4889

■ 63.2449, 0.3160,
0.3363

■ 54.8468, 0.3788,
0.5080

■ 65.0191, 0.3052,
0.3127

 54.1365, 0.3807,
0.5228

 66.9542, 0.2950,
0.2909


 53.5202, 0.3800,
0.5328

 68.3687, 0.2917,
0.2809

 53.1324, 0.3785,
0.5377

 69.1458, 0.2950,
0.2813

 69.9452, 0.2984,
0.2818

 70.7670, 0.3018,
0.2823

Harmonies

Analogous

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



58.8318, 0.3876, 0.4025



58.8318, 0.3490, 0.4146



58.8318, 0.3024, 0.3995

Triad

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



58.8318, 0.3490, 0.4146



58.8318, 0.2268, 0.2760



58.8318, 0.3648, 0.2988

Complementary

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



58.8318, 0.3490, 0.4146



30.4191, 0.2674, 0.2351

Split Complementary

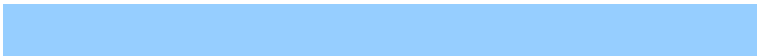
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8318, 0.3177, 0.2704



58.8318, 0.3490, 0.4146



58.8318, 0.2403, 0.2562

Square

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



58.8318, 0.3490, 0.4146



58.8318, 0.2337, 0.3133



58.8318, 0.2724, 0.2550



58.8318, 0.3984, 0.3350

Rectangle

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



58.8318, 0.3490, 0.4146



58.8318, 0.2732, 0.3751



58.8318, 0.2724, 0.2550



58.8318, 0.3498, 0.2882

Sweetspot

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



58.8344, 0.3490, 0.4146



97.3603, 0.3239, 0.3540



38.8689, 0.3828, 0.3481



20.7639, 0.3254, 0.3576



0.0000, 0.0000, 0.0000



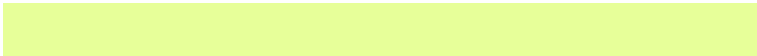
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8344, 0.3490, 0.4146



90.8647, 0.3565, 0.4344



54.9235, 0.3225, 0.4223



13.6536, 0.3231, 0.3522



32.8032, 0.3791, 0.5372



1.8686, 0.3868, 0.5310

Inverse Universe

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



30.4191, 0.2674, 0.2351



39.3102, 0.2547, 0.2108



34.2285, 0.2979, 0.2429



11.5481, 0.3017, 0.3052



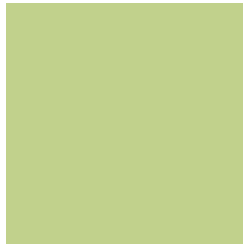
3.2706, 0.1632, 0.0673



0.2198, 0.1821, 0.0777

Previews

White Background



This preview shows how the Yxy color 58.8318, 0.3490, 0.4146 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 58.8318, 0.3490, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

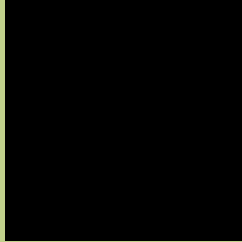
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8318, 0.3490, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 58.8318, 0.3490, 0.4146.



This preview shows how white text looks on a background with the Yxy color 58.8318, 0.3490, 0.4146.

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

58.8318, 0.3490, 0.4146

Protanopia

58.4849, 0.3749, 0.4036

Deuteranopia

58.4738, 0.3917, 0.3841



Tritanopia

58.9114, 0.3043, 0.3116

Trichromacy



Original Color

58.8318, 0.3490, 0.4146

Protanomaly

58.5760, 0.3653, 0.4078

Deuteranomaly

58.3294, 0.3753, 0.3950

Tritanomaly

58.4848, 0.3204, 0.3471

Monochromacy



Original Color

58.8318, 0.3490, 0.4146

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5100, 0.3263, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8318, 0.3490, 0.4146 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(193, 209, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 140)  
}
```

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(193, 209, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 140) }
```

Border

The CSS property to change the border of an element to Yxy 58.8318, 0.3490, 0.4146 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(193, 209, 140) }
```

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

```
.border{ border-color:rgb(193, 209, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 140);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8318, 0.3490, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 140) }
```

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

```
.background{ background-color: rgb(193,  
209, 140) }
```

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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