

Converting Colors

Yxy(58.4711, 0.3548, 0.3787)

Have a look what the booklet for
Yxy(58.4711, 0.3548, 0.3787)
contains.

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Color

Yxy(58.5726, 0.3548, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	D6C99F
RGB	214, 201, 159
RGB Percent	84%, 79%, 62%
CMY	0.1608, 0.2117, 0.3764
CMYK	0.00, 0.06, 0.26, 0.16
HSL	46°, 40%, 73%
HSV	46°, 26%, 84%
XYZ	54.8760, 58.5726, 41.2189
YIQ	200.0990, 21.2300, -10.3060

Conversions

Conversions Part 2

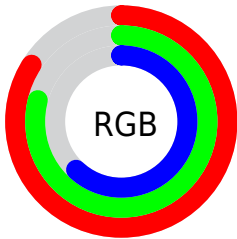
Format	Color
RYB	176, 214, 159
Decimal	14076319
CIELab	81.06, -2.00, 22.66
CIELCh	81, 22.746, 95.050
Yxy	58.5726, 0.3548, 0.3787
Android (android.graphics.Color)	4292266399 (0xFFD6C99F)
YUV	200.0990, -20.2618, 12.1912
Hunter-Lab	76.5327, -5.9430, 21.6406

Details

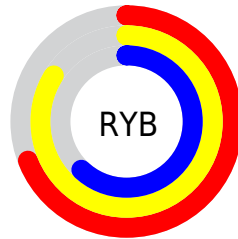
The Yxy color **58.5726, 0.3548, 0.3787** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7330, 0.2702, 0.2738**, and the grayscale version is **57.9420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **29.2999, 0.3661, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **55.5767, 0.3729, 0.3985**, and if you desaturate by 10%, it is **61.7800, 0.3375, 0.3589**.

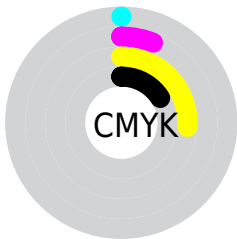
Distribution



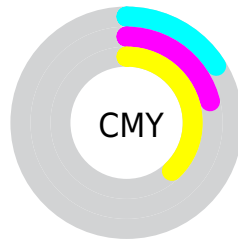
- Red (84%)
- Green (79%)
- Blue (62%)



- Red (69%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (16%)




- Cyan (16%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5726, 0.3548, 0.3787 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 58.5726, 0.3548, 0.3787 by changing the saturation by 10% instead.


 58.5726, 0.3548,
0.3787

 58.5726, 0.3548,
0.3787


419.3162, 0.3347,
0.3548

 42.2692, 0.3595,
0.3844


 102.7562, 0.3477,
0.3702

 29.3121, 0.3654,
0.3914


 131.4052, 0.3450,
0.3670

 19.3171, 0.3728,
0.4005


164.9381, 0.3427,
0.3642

 11.8996, 0.3826,
0.4126

203.7395, 0.3407,
0.3618

 6.6753, 0.3959,
0.4291

248.1935, 0.3389,
0.3597

 3.2599, 0.4145,
0.4529

298.6847, 0.3373,

 1.2689, 0.4743,

0.3579

0.5257

355.5975, 0.3360,
0.3563

0.1169, 0.3474,
0.6526

0.0000, 0.0000,
0.0000

58.5726, 0.3548,
0.3787

58.5726, 0.3548,
0.3787

55.5767, 0.3729,
0.3985

61.7800, 0.3375,
0.3589

52.7770, 0.3915,
0.4174

65.1979, 0.3213,
0.3396

50.1682, 0.4098,
0.4345

68.8353, 0.3065,
0.3212

47.7415, 0.4271,
0.4488

72.6985, 0.2930,
0.3039

■ 45.4872, 0.4425,
0.4593

■ 76.0635, 0.2870,
0.2988

■ 43.3941, 0.4554,
0.4652

■ 78.8585, 0.2872,
0.3042

■ 41.4484, 0.4652,
0.4663

■ 81.7352, 0.2875,
0.3096

■ 40.6458, 0.4689,
0.4659

■ 84.6945, 0.2877,
0.3149

■ 87.7369, 0.2879,
0.3202

Harmonies

Analogous

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



58.5726, 0.3698, 0.3635



58.5726, 0.3548, 0.3787



58.5726, 0.3288, 0.3804

Triad

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



58.5726, 0.3548, 0.3787



58.5726, 0.2596, 0.3132



58.5726, 0.3244, 0.2954

Complementary

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



58.5726, 0.3548, 0.3787



41.7330, 0.2702, 0.2738

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.



58.5726, 0.2947, 0.2828



58.5726, 0.3548, 0.3787



58.5726, 0.2585, 0.2916

Square

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



58.5726, 0.3548, 0.3787



58.5726, 0.2742, 0.3410



58.5726, 0.2710, 0.2811



58.5726, 0.3519, 0.3161

Rectangle

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



58.5726, 0.3548, 0.3787



58.5726, 0.3090, 0.3728



58.5726, 0.2710, 0.2811



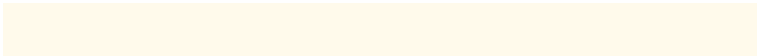
58.5726, 0.3143, 0.2901

Sweetspot

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



58.5752, 0.3548, 0.3787



95.7184, 0.3251, 0.3441



42.1038, 0.3535, 0.3124



20.3204, 0.3275, 0.3470



0.0000, 0.0000, 0.0000



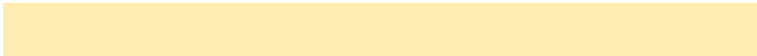
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5752, 0.3548, 0.3787



84.5701, 0.3649, 0.3898



62.9088, 0.3404, 0.3952



13.9994, 0.3272, 0.3467



24.7358, 0.4680, 0.4666



1.6149, 0.4579, 0.4746

Inverse Universe

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



41.7330, 0.2702, 0.2738



55.3072, 0.2599, 0.2596



38.5119, 0.2798, 0.2583



12.4802, 0.2982, 0.3107



4.4768, 0.1575, 0.0870



0.3993, 0.1668, 0.1203

Previews

White Background



This preview shows how the Yxy color 58.5726, 0.3548, 0.3787 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 58.5726, 0.3548, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

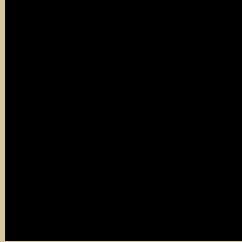
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5726, 0.3548, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 58.5726, 0.3548, 0.3787.



This preview shows how white text looks on a background with the Yxy color 58.5726, 0.3548, 0.3787.

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

58.5726, 0.3548, 0.3787

Protanopia

58.5726, 0.3548, 0.3787

Deuteranopia

58.3753, 0.3736, 0.3649



Tritanopia

58.4027, 0.3223, 0.3121

Trichromacy



Original Color

58.5726, 0.3548, 0.3787

Protanomaly

58.5726, 0.3548, 0.3787

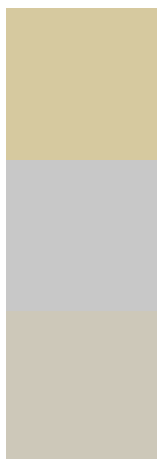
Deuteranomaly

58.3488, 0.3665, 0.3703

Tritanomaly

58.5995, 0.3342, 0.3360

Monochromacy



Original Color

58.5726, 0.3548, 0.3787

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7905, 0.3277, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5726, 0.3548, 0.3787 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(214, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 159)  
}
```

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(214, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 159) }
```

Border

The CSS property to change the border of an element to Yxy 58.5726, 0.3548, 0.3787 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(214, 201, 159) }
```

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

```
.border{ border-color:rgb(214, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5726, 0.3548, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 159) }
```

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

```
.background{ background-color: rgb(214,  
201, 159) }
```

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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