

Converting Colors

Yxy(58.9144, 0.3425, 0.3685)

Have a look what the booklet for
Yxy(58.9144, 0.3425, 0.3685)
contains.

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Color

Yxy(58.6609, 0.3428, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	D1CAA9
RGB	209, 202, 169
RGB Percent	82%, 79%, 66%
CMY	0.1802, 0.2079, 0.3372
CMYK	0.00, 0.03, 0.19, 0.18
HSL	49°, 30%, 74%
HSV	49°, 19%, 82%
XYZ	54.5846, 58.6609, 45.9861
YIQ	200.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

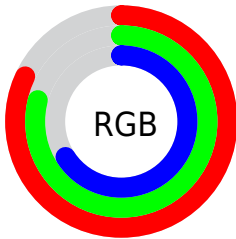
Format	Color
RYB	177, 209, 169
Decimal	13748905
CIELab	81.10, -2.95, 17.37
CIElCh	81, 17.615, 99.643
Yxy	58.6609, 0.3428, 0.3684
Android (android.graphics.Color)	4291938985 (0xFFD1CAA9)
YUV	200.3310, -15.4462, 7.6027
Hunter-Lab	76.5904, -6.8195, 18.0146

Details

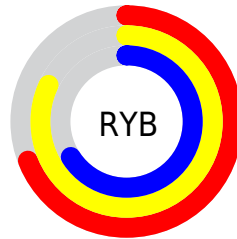
The Yxy color **58.6609, 0.3428, 0.3684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1129, 0.2817, 0.2863**, and the grayscale version is **58.0682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **29.3342, 0.3499, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **56.2345, 0.3597, 0.3896**, and if you desaturate by 10%, it is **61.2592, 0.3266, 0.3475**.

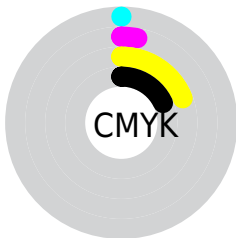
Distribution



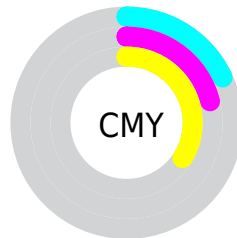
- Red (82%)
- Green (79%)
- Blue (66%)



- Red (69%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (18%)




- Cyan (18%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6609, 0.3428, 0.3684 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 58.6609, 0.3428, 0.3684 by changing the saturation by 10% instead.

 58.6609, 0.3428,
0.3684

 58.6609, 0.3428,
0.3684


419.6441, 0.3284,
0.3494

 42.3402, 0.3462,
0.3729


 102.8847, 0.3377,
0.3616

 29.3678, 0.3504,
0.3787


131.5565, 0.3358,
0.3590

 19.3592, 0.3558,
0.3861


165.1142, 0.3341,
0.3568

 11.9301, 0.3630,
0.3960

203.9421, 0.3327,
0.3549

 6.6961, 0.3730,
0.4101

248.4247, 0.3314,
0.3533

 3.2728, 0.3874,
0.4311

298.9463, 0.3303,

 1.2758, 0.4451,

0.3518

0.5056

355.8913, 0.3293,
0.3505

0.1223, 0.2656,
0.7344

0.0000, 0.0000,
0.0000

58.6609, 0.3428,
0.3684

58.6609, 0.3428,
0.3684

56.2345, 0.3597,
0.3896

61.2592, 0.3266,
0.3475

53.9660, 0.3771,
0.4104

64.0273, 0.3115,
0.3273

51.8512, 0.3942,
0.4299

66.9735, 0.2975,
0.3083

49.8827, 0.4104,
0.4471

70.1028, 0.2847,
0.2905

■ 48.0525, 0.4251,
0.4611

■ 72.1689, 0.2835,
0.2921

■ 46.3514, 0.4374,
0.4709

■ 74.1254, 0.2837,
0.2961

■ 44.7686, 0.4470,
0.4762

■ 76.1247, 0.2840,
0.3001

■ 43.2863, 0.4540,
0.4773

■ 78.1670, 0.2842,
0.3041

■ 43.1627, 0.4545,
0.4773

■ 80.2526, 0.2844,
0.3080

Harmonies

Analogous

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



58.6609, 0.3558, 0.3584



58.6609, 0.3428, 0.3684



58.6609, 0.3219, 0.3675

Triad

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



58.6609, 0.3428, 0.3684



58.6609, 0.2704, 0.3141



58.6609, 0.3254, 0.3049

Complementary

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



58.6609, 0.3428, 0.3684



44.1129, 0.2817, 0.2863

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.



58.6609, 0.3023, 0.2937



58.6609, 0.3428, 0.3684



58.6609, 0.2712, 0.2982

Square

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



58.6609, 0.3428, 0.3684



58.6609, 0.2805, 0.3351



58.6609, 0.2826, 0.2911



58.6609, 0.3457, 0.3220

Rectangle

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



58.6609, 0.3428, 0.3684



58.6609, 0.3066, 0.3604



58.6609, 0.2826, 0.2911



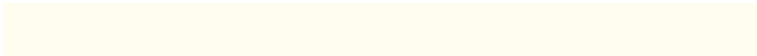
58.6609, 0.3177, 0.3003

Sweetspot

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



58.6635, 0.3428, 0.3684



97.3478, 0.3218, 0.3412



45.0887, 0.3434, 0.3201



20.7759, 0.3229, 0.3425



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.



58.6635, 0.3428, 0.3684



90.3729, 0.3497, 0.3771



60.2680, 0.3313, 0.3779



13.4289, 0.3270, 0.3480



26.7323, 0.4539, 0.4778



1.5898, 0.4465, 0.4837

Inverse Universe

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



44.1129, 0.2817, 0.2863



63.4686, 0.2744, 0.2758



42.8917, 0.2916, 0.2784



11.7492, 0.2982, 0.3092



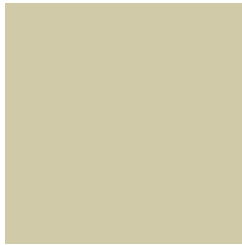
3.7475, 0.1547, 0.0768



0.3145, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 58.6609, 0.3428, 0.3684 looks on a white background.

Color Contrast Check

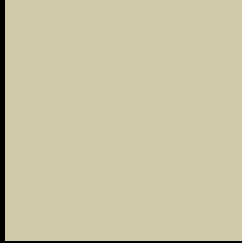
Large Text (above 18pt) WCAG AA × Fail

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 58.6609, 0.3428, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

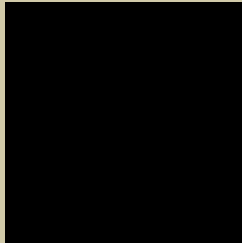
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

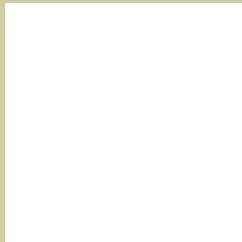
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6609, 0.3428, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 58.6609, 0.3428, 0.3684.



This preview shows how white text looks on a background with the Yxy color 58.6609, 0.3428, 0.3684.

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

58.6609, 0.3428, 0.3684

Protanopia

58.5975, 0.3462, 0.3682

Deuteranopia

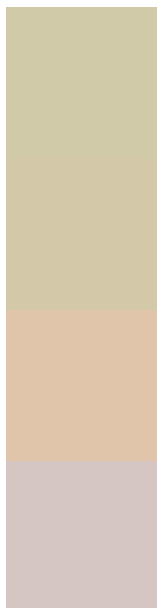
58.6797, 0.3625, 0.3550



Tritanopia

58.6301, 0.3167, 0.3119

Trichromacy



Original Color

58.6609, 0.3428, 0.3684

Protanomaly

58.4493, 0.3454, 0.3683

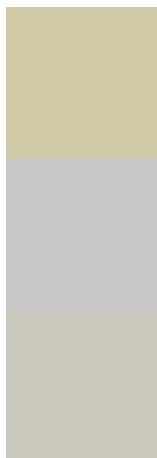
Deuteranomaly

58.6821, 0.3557, 0.3601

Tritanomaly

58.5198, 0.3261, 0.3314

Monochromacy



Original Color

58.6609, 0.3428, 0.3684

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1439, 0.3230, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6609, 0.3428, 0.3684 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(209, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 169)  
}
```

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(209, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 169) }
```

Border

The CSS property to change the border of an element to Yxy 58.6609, 0.3428, 0.3684 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(209, 202, 169) }
```

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

```
.border{ border-color:rgb(209, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6609, 0.3428, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 169) }
```

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

```
.background{ background-color: rgb(209,  
202, 169) }
```

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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