

Converting Colors

$Yxy(52.8808, 0.3586, 0.3885)$

Have a look what the booklet for
Yxy(52.8808, 0.3586, 0.3885)
contains.

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Color

Yxy(52.8808, 0.3586, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	CBC191
RGB	203, 193, 145
RGB Percent	80%, 76%, 57%
CMY	0.2039, 0.2431, 0.4314
CMYK	0.00, 0.05, 0.29, 0.20
HSL	50°, 36%, 68%
HSV	50°, 29%, 80%
XYZ	48.8110, 52.8808, 34.4236
YIQ	190.5180, 21.3680, -12.8080

Conversions

Conversions Part 2

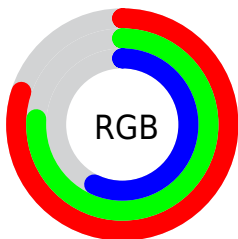
Format	Color
RYB	157, 203, 145
Decimal	13353361
CIELab	77.80, -3.93, 25.48
CIELCh	78, 25.785, 98.762
Yxy	52.8808, 0.3586, 0.3885
Android (android.graphics.Color)	4291543441 (0xFFCBC191)
YUV	190.5180, -22.4404, 10.9467
Hunter-Lab	72.7192, -7.4449, 22.8369

Details

The Yxy color **52.8808, 0.3586, 0.3885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7778, 0.2646, 0.2615**, and the grayscale version is **51.9316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1349, 0.3472, 0.3785**, and **25.8602, 0.3700, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **50.7819, 0.3758, 0.4094**, and if you desaturate by 10%, it is **55.1330, 0.3418, 0.3673**.

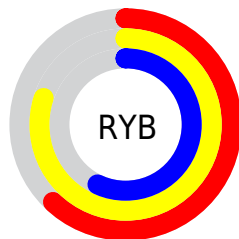
Distribution



Red (80%)

Green (76%)

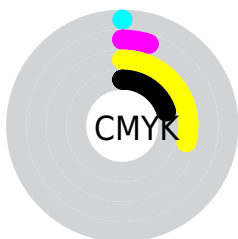
Blue (57%)



Red (62%)

Yellow (80%)

Blue (57%)

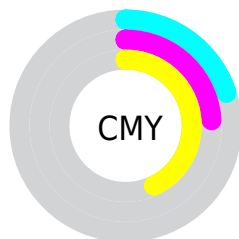


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (24%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8808, 0.3586, 0.3885 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 52.8808, 0.3586, 0.3885 by changing the saturation by 10% instead.


 52.8808, 0.3586,
0.3885

 52.8808, 0.3586,
0.3885


397.8276, 0.3365,
0.3593

 37.7076, 0.3638,
0.3955


 94.4289, 0.3508,
0.3781

 25.7558, 0.3703,
0.4044


 121.5727, 0.3478,
0.3741

 16.6411, 0.3786,
0.4159


153.4754, 0.3452,
0.3707

 9.9789, 0.3895,
0.4313

190.5215, 0.3430,
0.3678

 5.3850, 0.4040,
0.4527

233.0954, 0.3410,
0.3653

 2.4749, 0.4329,
0.4943

281.5815, 0.3393,

 0.8640, 0.4564,

0.3630

0.5436

336.3641, 0.3378,
0.3611

0.0000, 0.0000,
0.0000

52.8808, 0.3586,
0.3885

52.8808, 0.3586,
0.3885

50.7819, 0.3758,
0.4094

55.1330, 0.3418,
0.3673

48.8230, 0.3929,
0.4290

57.5371, 0.3257,
0.3463

46.9997, 0.4091,
0.4464

60.1010, 0.3106,
0.3262

45.3045, 0.4237,
0.4607

62.8297, 0.2967,
0.3071

43.7290, 0.4361,
0.4709

65.7280, 0.2841,
0.2894

■ 42.2631, 0.4458,
0.4765

■ 68.0164, 0.2792,
0.2846

■ 40.8915, 0.4528,
0.4779

■ 69.8079, 0.2795,
0.2885

■ 40.7002, 0.4537,
0.4780

■ 71.6379, 0.2798,
0.2924

■ 73.5063, 0.2800,
0.2963

Harmonies

Analogous

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



52.8808, 0.3784, 0.3718



52.8808, 0.3586, 0.3885



52.8808, 0.3270, 0.3888

Triad

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



52.8808, 0.3586, 0.3885



52.8808, 0.2499, 0.3064



52.8808, 0.3306, 0.2925

Complementary

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



52.8808, 0.3586, 0.3885



33.7778, 0.2646, 0.2615

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.



52.8808, 0.2956, 0.2765



52.8808, 0.3586, 0.3885



52.8808, 0.2506, 0.2828

Square

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



52.8808, 0.3586, 0.3885



52.8808, 0.2649, 0.3388



52.8808, 0.2668, 0.2727



52.8808, 0.3621, 0.3171

Rectangle

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



52.8808, 0.3586, 0.3885



52.8808, 0.3039, 0.3782



52.8808, 0.2668, 0.2727



52.8808, 0.3188, 0.2860

Sweetspot

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



52.8832, 0.3586, 0.3885



96.1094, 0.3265, 0.3475



35.3377, 0.3635, 0.3154



20.4412, 0.3289, 0.3505



0.0000, 0.0000, 0.0000



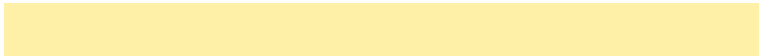
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8832, 0.3586, 0.3885



86.4458, 0.3687, 0.4009



55.0292, 0.3401, 0.4035



12.7546, 0.3270, 0.3480



26.0174, 0.4531, 0.4784



1.4313, 0.4454, 0.4845

Inverse Universe

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



33.7778, 0.2646, 0.2615



49.5495, 0.2534, 0.2450



32.3902, 0.2790, 0.2504



11.1516, 0.2982, 0.3092



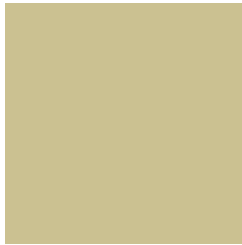
3.6027, 0.1546, 0.0764



0.2848, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 52.8808, 0.3586, 0.3885 looks on a white background.

Color Contrast Check

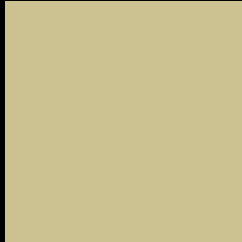
Large Text (above 18pt) WCAG AA × Fail

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 52.8808, 0.3586, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

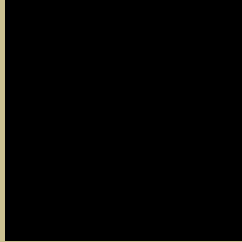
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8808, 0.3586, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 52.8808, 0.3586, 0.3885.



This preview shows how white text looks on a background with the Yxy color 52.8808, 0.3586, 0.3885.

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

52.8808, 0.3586, 0.3885

Protanopia

52.8654, 0.3616, 0.3868

Deuteranopia

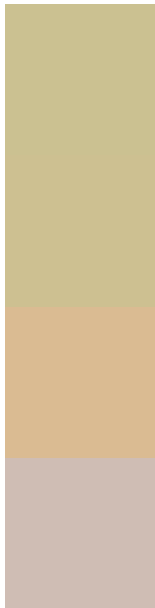
52.5563, 0.3807, 0.3721



Tritanopia

52.9896, 0.3218, 0.3125

Trichromacy



Original Color

52.8808, 0.3586, 0.3885

Protanomaly

52.7227, 0.3607, 0.3870

Deuteranomaly

52.5214, 0.3732, 0.3779

Tritanomaly

52.9559, 0.3349, 0.3399

Monochromacy



Original Color

52.8808, 0.3586, 0.3885

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3574, 0.3290, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8808, 0.3586, 0.3885 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, 193, 145)` looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 145)  
}
```

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, 193, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 145) }
```

Border

The CSS property to change the border of an element to Yxy 52.8808, 0.3586, 0.3885 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, 193, 145) }
```

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

```
.border{ border-color:rgb(203, 193, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 145);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8808, 0.3586, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 145) }
```

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

```
.background{ background-color: rgb(203,  
193, 145) }
```

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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