

Converting Colors

$Yxy(52.5810, 0.3598, 0.3872)$

Have a look what the booklet for
Yxy(52.5810, 0.3598, 0.3872)
contains.

Yxy(52.5810, 0.3598, 0.3872)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5810, 0.3598, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	CCC091
RGB	204, 192, 145
RGB Percent	80%, 75%, 57%
CMY	0.2000, 0.2470, 0.4314
CMYK	0.00, 0.06, 0.29, 0.20
HSL	48°, 37%, 68%
HSV	48°, 29%, 80%
XYZ	48.8601, 52.5810, 34.3569
YIQ	190.2300, 22.2390, -12.0730

Conversions

Conversions Part 2

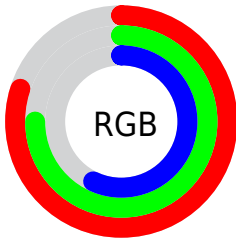
Format	Color
RYB	160, 204, 145
Decimal	13418641
CIELab	77.63, -3.03, 25.27
CIELCh	78, 25.447, 96.834
Yxy	52.5810, 0.3598, 0.3872
Android (android.graphics.Color)	4291608721 (0xFFCCC091)
YUV	190.2300, -22.2984, 12.0763
Hunter-Lab	72.5128, -6.6215, 22.6670

Details

The Yxy color **52.5810, 0.3598, 0.3872** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.4832, 0.2642, 0.2631**, and the grayscale version is **51.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5183, 0.3474, 0.3776**, and **25.6630, 0.3718, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **50.2154, 0.3775, 0.4074**, and if you desaturate by 10%, it is **55.1156, 0.3426, 0.3666**.

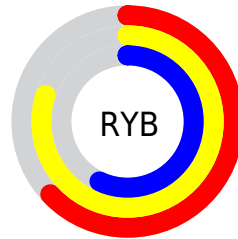
Distribution



Red (80%)

Green (75%)

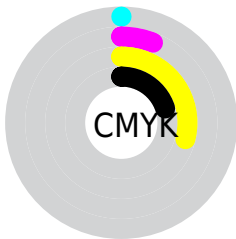
Blue (57%)



Red (63%)

Yellow (80%)

Blue (57%)

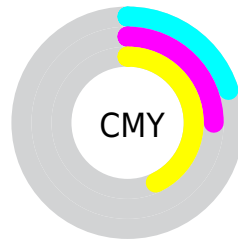


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5810, 0.3598, 0.3872 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 52.5810, 0.3598, 0.3872 by changing the saturation by 10% instead.

 52.5810, 0.3598,
0.3872

 52.5810, 0.3598,
0.3872


396.6755, 0.3370,
0.3587

 37.4684, 0.3652,
0.3941


 93.9875, 0.3517,
0.3770

 25.5704, 0.3719,
0.4027


 121.0502, 0.3486,
0.3731

 16.5025, 0.3805,
0.4139


152.8651, 0.3460,
0.3698

 9.8804, 0.3918,
0.4289

189.8165, 0.3437,
0.3670

 5.3197, 0.4070,
0.4496

232.2889, 0.3417,
0.3645

 2.4361, 0.4375,
0.4904

280.6665, 0.3400,

 0.8444, 0.4632,

0.3623

0.5368

335.3340, 0.3384,
0.3604

0.0000, 0.0000,
0.0000

52.5810, 0.3598,
0.3872

52.5810, 0.3598,
0.3872

50.2154, 0.3775,
0.4074

55.1156, 0.3426,
0.3666

48.0051, 0.3952,
0.4265

57.8181, 0.3263,
0.3464

45.9456, 0.4123,
0.4433

60.6964, 0.3111,
0.3270

44.0290, 0.4279,
0.4570

63.7559, 0.2972,
0.3086

42.2466, 0.4413,
0.4666

67.0017, 0.2845,
0.2915

■ 40.5881, 0.4520,
0.4716

■ 69.6148, 0.2801,
0.2879

■ 39.0370, 0.4599,
0.4724

■ 71.7762, 0.2804,
0.2925

■ 38.8742, 0.4608,
0.4724

■ 73.9915, 0.2807,
0.2970

■ 76.2612, 0.2810,
0.3016

Harmonies

Analogous

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



52.5810, 0.3784, 0.3699



52.5810, 0.3598, 0.3872



52.5810, 0.3290, 0.3886

Triad

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



52.5810, 0.3598, 0.3872



52.5810, 0.2510, 0.3085



52.5810, 0.3282, 0.2916

Complementary

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



52.5810, 0.3598, 0.3872



34.4832, 0.2642, 0.2631

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.



52.5810, 0.2937, 0.2764



52.5810, 0.3598, 0.3872



52.5810, 0.2507, 0.2844

Square

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



52.5810, 0.3598, 0.3872



52.5810, 0.2668, 0.3408



52.5810, 0.2658, 0.2735



52.5810, 0.3598, 0.3155

Rectangle

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



52.5810, 0.3598, 0.3872



52.5810, 0.3061, 0.3790



52.5810, 0.2658, 0.2735



52.5810, 0.3165, 0.2853

Sweetspot

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



52.5834, 0.3598, 0.3872



95.6708, 0.3266, 0.3468



35.5447, 0.3623, 0.3127



20.3326, 0.3290, 0.3497



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.



52.5834, 0.3598, 0.3872



84.4980, 0.3713, 0.4005



55.8261, 0.3421, 0.4041



12.6946, 0.3271, 0.3473



24.6050, 0.4601, 0.4729



1.3699, 0.4506, 0.4804

Inverse Universe

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



34.4832, 0.2642, 0.2631



49.5305, 0.2519, 0.2454



32.2575, 0.2768, 0.2489



11.2070, 0.2982, 0.3100



3.8691, 0.1559, 0.0813



0.3102, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 52.5810, 0.3598, 0.3872 looks on a white background.

Color Contrast Check

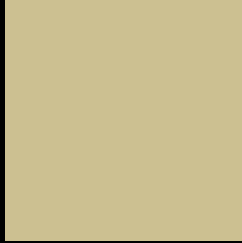
Large Text (above 18pt) WCAG AA × Fail

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 52.5810, 0.3598, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

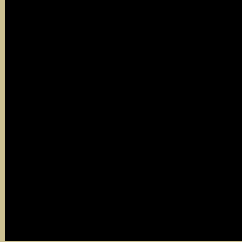
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5810, 0.3598, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 52.5810, 0.3598, 0.3872.



This preview shows how white text looks on a background with the Yxy color 52.5810, 0.3598, 0.3872.

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

52.5810, 0.3598, 0.3872

Protanopia

52.7227, 0.3607, 0.3870

Deuteranopia

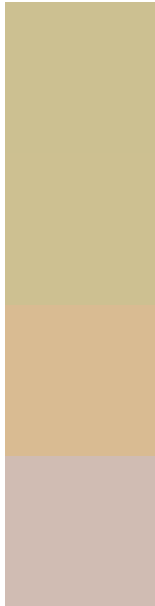
52.3951, 0.3798, 0.3722



Tritanopia

52.6703, 0.3235, 0.3126

Trichromacy



Original Color

52.5810, 0.3598, 0.3872

Protanomaly

52.7227, 0.3607, 0.3870

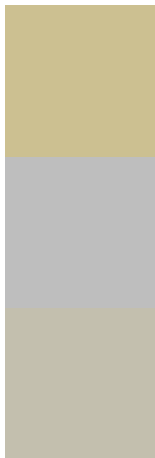
Deuteranomaly

52.3677, 0.3723, 0.3780

Tritanomaly

52.6310, 0.3367, 0.3399

Monochromacy



Original Color

52.5810, 0.3598, 0.3872

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9197, 0.3291, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5810, 0.3598, 0.3872 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(204, 192, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 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(204, 192, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 145) }
```

Border

The CSS property to change the border of an element to Yxy 52.5810, 0.3598, 0.3872 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(204, 192, 145) }
```

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

```
.border{ border-color:rgb(204, 192, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 145);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5810, 0.3598, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 145) }
```

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

```
.background{ background-color: rgb(204,  
192, 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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