

Converting Colors

$Yxy(52.7205, 0.3637, 0.3883)$

Have a look what the booklet for
Yxy(52.7205, 0.3637, 0.3883)
contains.

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Color

Yxy(52.9478, 0.3640, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	CFC08F
RGB	207, 192, 143
RGB Percent	81%, 75%, 56%
CMY	0.1884, 0.2470, 0.4392
CMYK	0.00, 0.07, 0.31, 0.19
HSL	46°, 40%, 69%
HSV	46°, 31%, 81%
XYZ	49.5323, 52.9478, 33.5976
YIQ	190.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

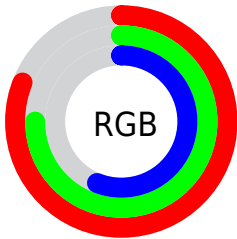
Format	Color
R _Y B	163, 207, 143
Decimal	13615247
CIE Lab	77.84, -2.14, 26.65
CIE LCh	78, 26.737, 94.582
Yxy	52.9478, 0.3640, 0.3891
Android (android.graphics.Color)	4291805327 (0xFFCFC08F)
YUV	190.8990, -23.6142, 14.1206
Hunter-Lab	72.7652, -5.8319, 23.5600

Details

The Yxy color **52.9478, 0.3640, 0.3891** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.7807, 0.2608, 0.2606**, and the grayscale version is **52.1665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4260, 0.3486, 0.3796**, and **25.9133, 0.3775, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **50.2902, 0.3823, 0.4086**, and if you desaturate by 10%, it is **55.7957, 0.3463, 0.3692**.

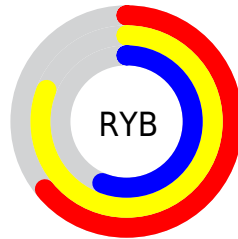
Distribution



Red (81%)

Green (75%)

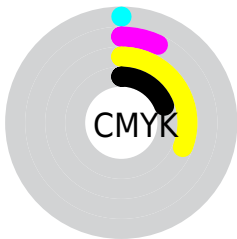
Blue (56%)



Red (64%)

Yellow (81%)

Blue (56%)

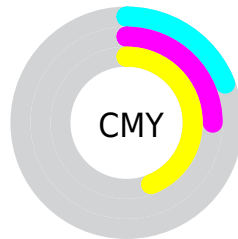


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9478, 0.3640, 0.3891 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 52.9478, 0.3640, 0.3891 by changing the saturation by 10% instead.

■ 52.9478, 0.3640,
0.3891

■ 52.9478, 0.3640,
0.3891

398.0848, 0.3392,
0.3598

■ 37.7611, 0.3699,
0.3961

■ 94.5276, 0.3552,
0.3787

■ 25.7973, 0.3772,
0.4049

■ 121.6894, 0.3519,
0.3747

■ 16.6721, 0.3865,
0.4162

153.6117, 0.3490,
0.3713

■ 10.0010, 0.3987,
0.4312

190.6790, 0.3465,
0.3683

■ 5.3996, 0.4149,
0.4517

233.2755, 0.3443,
0.3658

■ 2.4836, 0.4490,
0.4938

281.7857, 0.3424,

■ 0.8684, 0.4710,

0.3635

0.5290

336.5940, 0.3407,
0.3616

0.0000, 0.0000,
0.0000

52.9478, 0.3640,
0.3891

52.9478, 0.3640,
0.3891

50.2902, 0.3823,
0.4086

55.7957, 0.3463,
0.3692

47.8087, 0.4007,
0.4267

58.8333, 0.3296,
0.3496

45.4981, 0.4185,
0.4426


62.0691, 0.3141,
0.3307


43.3498, 0.4348,
0.4551


65.5088, 0.2999,
0.3128


41.3543, 0.4489,
0.4633


69.1580, 0.2870,
0.2961

 39.5002, 0.4601,
0.4668

 72.2121, 0.2822,
0.2927

 37.9183, 0.4681,
0.4665

 74.8036, 0.2826,
0.2980

 77.4693, 0.2829,
0.3032

 80.2097, 0.2832,
0.3084

Harmonies

Analogous

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



52.9478, 0.3823, 0.3698



52.9478, 0.3640, 0.3891



52.9478, 0.3324, 0.3922

Triad

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



52.9478, 0.3640, 0.3891



52.9478, 0.2489, 0.3097



52.9478, 0.3261, 0.2883

Complementary

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



52.9478, 0.3640, 0.3891



34.7807, 0.2608, 0.2606

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.



52.9478, 0.2902, 0.2734



52.9478, 0.3640, 0.3891



52.9478, 0.2474, 0.2837

Square

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



52.9478, 0.3640, 0.3891



52.9478, 0.2665, 0.3440



52.9478, 0.2620, 0.2713



52.9478, 0.3600, 0.3128

Rectangle

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



52.9478, 0.3640, 0.3891



52.9478, 0.3084, 0.3831



52.9478, 0.2620, 0.2713



52.9478, 0.3138, 0.2821

Sweetspot

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



52.9502, 0.3640, 0.3891



95.2348, 0.3267, 0.3461



35.4098, 0.3646, 0.3089



20.2246, 0.3290, 0.3490



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.



52.9502, 0.3640, 0.3891



82.0712, 0.3760, 0.4019



57.6641, 0.3458, 0.4091



13.3097, 0.3272, 0.3467



24.0504, 0.4673, 0.4671



1.4612, 0.4567, 0.4755

Inverse Universe

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



34.7807, 0.2608, 0.2606



48.5035, 0.2485, 0.2432



31.5203, 0.2719, 0.2422



11.8597, 0.2982, 0.3106



4.3112, 0.1574, 0.0866



0.3657, 0.1673, 0.1223

Previews

White Background



This preview shows how the Yxy color 52.9478, 0.3640, 0.3891 looks on a white background.

Color Contrast Check

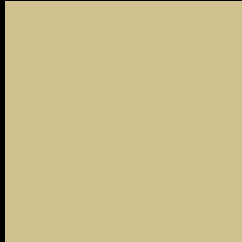
Large Text (above 18pt) WCAG AA × Fail

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 52.9478, 0.3640, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

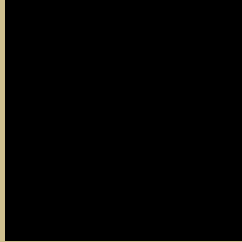
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9478, 0.3640, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 52.9478, 0.3640, 0.3891.



This preview shows how white text looks on a background with the Yxy color 52.9478, 0.3640, 0.3891.

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

52.9478, 0.3640, 0.3891

Protanopia

52.8043, 0.3632, 0.3893

Deuteranopia

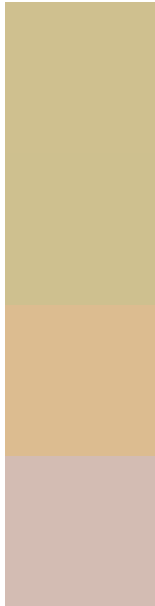
53.0732, 0.3829, 0.3754



Tritanopia

53.1176, 0.3261, 0.3127

Trichromacy



Original Color

52.9478, 0.3640, 0.3891

Protanomaly

52.8043, 0.3632, 0.3893

Deuteranomaly

53.1957, 0.3763, 0.3810

Tritanomaly

53.0700, 0.3393, 0.3399

Monochromacy



Original Color

52.9478, 0.3640, 0.3891

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1879, 0.3308, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9478, 0.3640, 0.3891 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(207, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 143)  
}
```

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(207, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 143) }
```

Border

The CSS property to change the border of an element to Yxy 52.9478, 0.3640, 0.3891 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(207, 192, 143) }
```

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

```
.border{ border-color:rgb(207, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9478, 0.3640, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 143) }
```

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

```
.background{ background-color: rgb(207,  
192, 143) }
```

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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