

Converting Colors

Yxy(52.3048, 0.3750, 0.4086)

Have a look what the booklet for
Yxy(52.3048, 0.3750, 0.4086)
contains.

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Color

Yxy(52.2107, 0.3748, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	CDC07F
RGB	205, 192, 127
RGB Percent	80%, 75%, 50%
CMY	0.1959, 0.2471, 0.5019
CMYK	0.00, 0.06, 0.38, 0.20
HSL	50°, 44%, 65%
HSV	50°, 38%, 80%
XYZ	47.8683, 52.2107, 27.6380
YIQ	188.4770, 28.6130, -17.4590

Conversions

Conversions Part 2

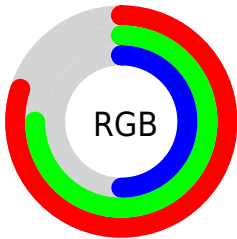
Format	Color
RYB	143, 205, 127
Decimal	13484159
CIELab	77.41, -4.81, 34.41
CIELCh	77, 34.748, 97.952
Yxy	52.2107, 0.3748, 0.4088
Android (android.graphics.Color)	4291674239 (0xFFCDC07F)
YUV	188.4770, -30.3082, 14.4907
Hunter-Lab	72.2570, -8.1982, 27.9017

Details

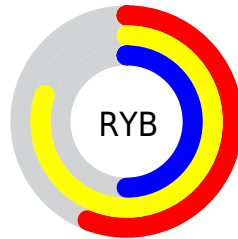
The Yxy color **52.2107, 0.3748, 0.4088** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7024, 0.2462, 0.2338**, and the grayscale version is **50.7438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6901, 0.3591, 0.3965**, and **25.3906, 0.3888, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **50.2419, 0.3918, 0.4286**, and if you desaturate by 10%, it is **54.3282, 0.3577, 0.3878**.

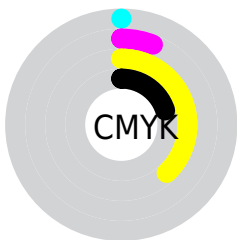
Distribution



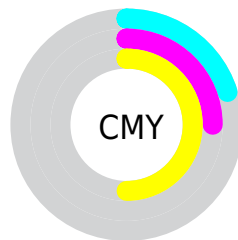
- Red (80%)
- Green (75%)
- Blue (50%)



- Red (56%)
- Yellow (80%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2107, 0.3748, 0.4088 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 52.2107, 0.3748, 0.4088 by changing the saturation by 10% instead.


 52.2107, 0.3748,
0.4088


 52.2107, 0.3748,
0.4088


395.2495, 0.3451,
0.3698


 37.1730, 0.3816,
0.4180


 93.4419, 0.3644,
0.3950

 25.3415, 0.3899,
0.4295


 120.4042, 0.3604,
0.3897

 16.3317, 0.4003,
0.4442


 152.1103, 0.3570,
0.3851

 9.7592, 0.4131,
0.4630

188.9444, 0.3540,
0.3812

 5.2396, 0.4287,
0.4877

231.2910, 0.3514,
0.3778

 2.3885, 0.4619,
0.5381

279.5344, 0.3490,

 0.8200, 0.4467,

0.3749

0.5533

334.0591, 0.3470,
0.3722

0.0000, 0.0000,
0.0000

52.2107, 0.3748,
0.4088

52.2107, 0.3748,
0.4088

50.2419, 0.3918,
0.4286

54.3282, 0.3577,
0.3878

48.4078, 0.4079,
0.4463

56.5937, 0.3409,
0.3664

46.7032, 0.4225,
0.4608

59.0152, 0.3249,
0.3454

45.1195, 0.4348,
0.4712

61.5984, 0.3099,
0.3252

43.6466, 0.4445,
0.4771

64.3484, 0.2960,
0.3060

■ 42.2698, 0.4513,
0.4787

■ 67.2702, 0.2834,
0.2882

■ 42.0089, 0.4526,
0.4789

■ 69.3258, 0.2807,
0.2870

■ 71.1032, 0.2809,
0.2908

■ 72.9176, 0.2812,
0.2946

Harmonies

Analogous

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



52.2107, 0.4017, 0.3841



52.2107, 0.3748, 0.4088



52.2107, 0.3322, 0.4116

Triad

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



52.2107, 0.3748, 0.4088



52.2107, 0.2295, 0.2984



52.2107, 0.3351, 0.2799

Complementary

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



52.2107, 0.3748, 0.4088



27.7024, 0.2462, 0.2338

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.



52.2107, 0.2880, 0.2594



52.2107, 0.3748, 0.4088



52.2107, 0.2301, 0.2672

Square

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



52.2107, 0.3748, 0.4088



52.2107, 0.2493, 0.3429



52.2107, 0.2505, 0.2544



52.2107, 0.3787, 0.3115

Rectangle

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



52.2107, 0.3748, 0.4088



52.2107, 0.3012, 0.3980



52.2107, 0.2505, 0.2544



52.2107, 0.3190, 0.2716

Sweetspot

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



52.2131, 0.3748, 0.4088



95.3640, 0.3297, 0.3518



30.1017, 0.3883, 0.3107



20.2944, 0.3319, 0.3547



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.



52.2131, 0.3748, 0.4088



82.7120, 0.3893, 0.4258



54.9637, 0.3486, 0.4298



12.7646, 0.3270, 0.3482



26.2582, 0.4520, 0.4793



1.4416, 0.4446, 0.4852

Inverse Universe

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



27.7024, 0.2462, 0.2338



36.8253, 0.2294, 0.2081



26.2420, 0.2649, 0.2206



11.1424, 0.2982, 0.3091



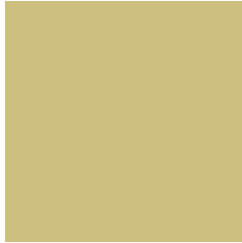
3.5625, 0.1544, 0.0756



0.2806, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 52.2107, 0.3748, 0.4088 looks on a white background.

Color Contrast Check

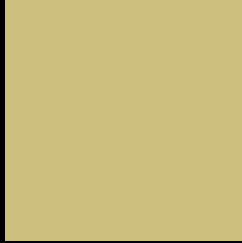
Large Text (above 18pt) WCAG AA × Fail

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 52.2107, 0.3748, 0.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

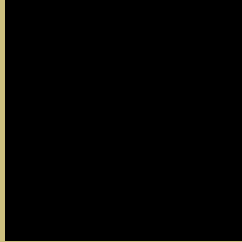
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2107, 0.3748, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 52.2107, 0.3748, 0.4088.



This preview shows how white text looks on a background with the Yxy color 52.2107, 0.3748, 0.4088.

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

52.2107, 0.3748, 0.4088

Protanopia

52.2038, 0.3779, 0.4070

Deuteranopia

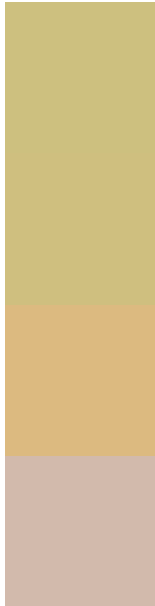
52.1100, 0.3990, 0.3908



Tritanopia

52.0903, 0.3262, 0.3114

Trichromacy



Original Color

52.2107, 0.3748, 0.4088

Protanomaly

52.0593, 0.3770, 0.4072

Deuteranomaly

51.8920, 0.3902, 0.3973

Tritanomaly

51.7980, 0.3446, 0.3460

Monochromacy



Original Color

52.2107, 0.3748, 0.4088

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6177, 0.3350, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2107, 0.3748, 0.4088 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(205, 192, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 127)  
}
```

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(205, 192, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 127) }
```

Border

The CSS property to change the border of an element to Yxy 52.2107, 0.3748, 0.4088 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(205, 192, 127) }
```

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

```
.border{ border-color:rgb(205, 192, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 192, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2107, 0.3748, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 127) }
```

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

```
.background{ background-color: rgb(205,  
192, 127) }
```

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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