

Converting Colors

$Y_{xy}(50.2295, 0.3684, 0.4087)$

Have a look what the booklet for
Yxy(50.2295, 0.3684, 0.4087)
contains.

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Color

Yxy(50.2295, 0.3684, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	C5BE7F
RGB	197, 190, 127
RGB Percent	77%, 75%, 50%
CMY	0.2273, 0.2549, 0.5019
CMYK	0.00, 0.04, 0.36, 0.23
HSL	54°, 38%, 64%
HSV	54°, 36%, 77%
XYZ	45.2766, 50.2295, 27.3946
YIQ	184.9110, 24.3950, -18.1090

Conversions

Conversions Part 2

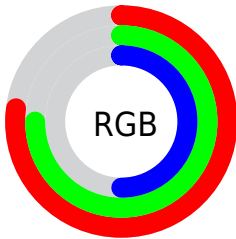
Format	Color
RYB	135, 197, 127
Decimal	12959359
CIELab	76.21, -6.96, 32.72
CIELCh	76, 33.455, 102.011
Yxy	50.2295, 0.3684, 0.4087
Android (android.graphics.Color)	4291149439 (0xFFC5BE7F)
YUV	184.9110, -28.5501, 10.6021
Hunter-Lab	70.8728, -9.9938, 26.6935

Details

The Yxy color **50.2295, 0.3684, 0.4087** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.6116, 0.2504, 0.2343**, and the grayscale version is **48.6192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4668, 0.3597, 0.3947**, and **24.1779, 0.3817, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **48.9156, 0.3841, 0.4301**, and if you desaturate by 10%, it is **51.6601, 0.3523, 0.3862**.

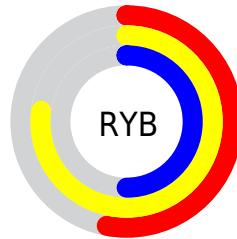
Distribution



Red (77%)

Green (75%)

Blue (50%)



Red (53%)

Yellow (77%)

Blue (50%)

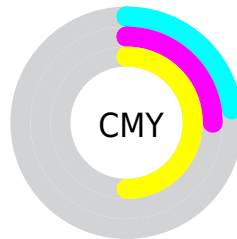


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (25%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2295, 0.3684, 0.4087 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 50.2295, 0.3684, 0.4087 by changing the saturation by 10% instead.


 50.2295, 0.3684,
0.4087

 50.2295, 0.3684,
0.4087


387.5627, 0.3417,
0.3692

 35.5958, 0.3746,
0.4182


 90.5148, 0.3590,
0.3946

 24.1222, 0.3821,
0.4302


 116.9352, 0.3554,
0.3892

 15.4243, 0.3915,
0.4457


 148.0533, 0.3523,
0.3846

 9.1177, 0.4031,
0.4660

184.2535, 0.3496,
0.3807

 4.8180, 0.4172,
0.4935

225.9201, 0.3473,
0.3773

 2.1409, 0.4489,
0.5511

273.4376, 0.3452,

 0.6875, 0.4129,

0.3743

0.5871

327.1903, 0.3434,
0.3716

0.0000, 0.0000,
0.0000

50.2295, 0.3684,
0.4087

50.2295, 0.3684,
0.4087

48.9156, 0.3841,
0.4301

51.6601, 0.3523,
0.3862

47.7056, 0.3988,
0.4493

53.2060, 0.3363,
0.3634

46.5952, 0.4119,
0.4655

54.8744, 0.3209,
0.3410

45.5771, 0.4227,
0.4778

56.6703, 0.3063,
0.3195

44.6428, 0.4308,
0.4858

58.5980, 0.2927,
0.2992

■ 43.7818, 0.4363,
0.4894

■ 60.6617, 0.2802,
0.2803

■ 43.4113, 0.4382,
0.4903

■ 62.2086, 0.2745,
0.2727

■ 63.1546, 0.2747,
0.2749

■ 64.1126, 0.2749,
0.2771

Harmonies

Analogous

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



50.2295, 0.3973, 0.3870



50.2295, 0.3684, 0.4087



50.2295, 0.3257, 0.4077

Triad

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



50.2295, 0.3684, 0.4087



50.2295, 0.2303, 0.2941



50.2295, 0.3409, 0.2847

Complementary

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



50.2295, 0.3684, 0.4087



25.6116, 0.2504, 0.2343

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.



50.2295, 0.2945, 0.2629



50.2295, 0.3684, 0.4087



50.2295, 0.2336, 0.2659

Square

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



50.2295, 0.3684, 0.4087



50.2295, 0.2471, 0.3364



50.2295, 0.2561, 0.2557



50.2295, 0.3817, 0.3168

Rectangle

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



50.2295, 0.3684, 0.4087



50.2295, 0.2955, 0.3920



50.2295, 0.2561, 0.2557



50.2295, 0.3253, 0.2760

Sweetspot

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



50.2318, 0.3684, 0.4087



96.5386, 0.3295, 0.3536



28.8132, 0.3867, 0.3183



20.5761, 0.3316, 0.3567



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.



50.2318, 0.3684, 0.4087



88.0074, 0.3812, 0.4262



50.0455, 0.3423, 0.4238



12.2278, 0.3268, 0.3496



28.6146, 0.4379, 0.4905



1.4089, 0.4336, 0.4939

Inverse Universe

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



25.6116, 0.2504, 0.2343



37.1712, 0.2338, 0.2083



26.0731, 0.2734, 0.2302



10.4561, 0.2983, 0.3075



3.0339, 0.1521, 0.0677



0.2034, 0.1588, 0.0915

Previews

White Background



This preview shows how the Yxy color 50.2295, 0.3684, 0.4087 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 50.2295, 0.3684, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

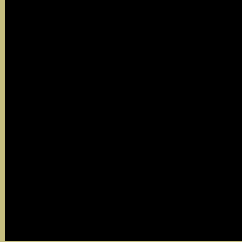
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2295, 0.3684, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 50.2295, 0.3684, 0.4087.



This preview shows how white text looks on a background with the Yxy color 50.2295, 0.3684, 0.4087.

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

50.2295, 0.3684, 0.4087

Protanopia

50.3102, 0.3764, 0.4059

Deuteranopia

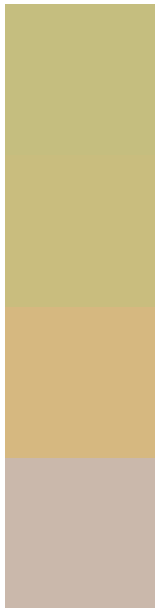
50.0748, 0.3960, 0.3886



Tritanopia

50.0124, 0.3212, 0.3110

Trichromacy



Original Color

50.2295, 0.3684, 0.4087

Protanomaly

50.3191, 0.3732, 0.4078

Deuteranomaly

50.1356, 0.3857, 0.3965

Tritanomaly

49.7778, 0.3388, 0.3452

Monochromacy



Original Color

50.2295, 0.3684, 0.4087

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0398, 0.3326, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2295, 0.3684, 0.4087 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(197, 190, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 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(197, 190, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.2295, 0.3684, 0.4087 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(197, 190, 127) }
```

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

```
.border{ border-color:rgb(197, 190, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 127);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2295, 0.3684, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 127) }
```

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

```
.background{ background-color: rgb(197,  
190, 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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