

Converting Colors

$Y_{xy}(50.7205, 0.3552, 0.4217)$

Have a look what the booklet for
Yxy(50.7205, 0.3552, 0.4217)
contains.

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Color

Yxy(50.5782, 0.3555, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	B7C37D
RGB	183, 195, 125
RGB Percent	72%, 76%, 49%
CMY	0.2825, 0.2352, 0.5099
CMYK	0.06, 0.00, 0.36, 0.24
HSL	70°, 37%, 63%
HSV	70°, 36%, 76%
XYZ	42.7396, 50.5782, 26.9061
YIQ	183.4320, 15.3180, -24.3140

Conversions

Conversions Part 2

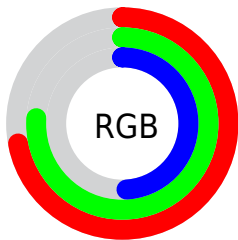
Format	Color
RYB	125, 195, 137
Decimal	12043133
CIELab	76.42, -15.31, 33.84
CIELCh	76, 37.148, 114.345
Yxy	50.5782, 0.3555, 0.4207
Android (android.graphics.Color)	4290233213 (0xFFB7C37D)
YUV	183.4320, -28.8070, -0.3789
Hunter-Lab	71.1184, -17.1850, 27.3517

Details

The Yxy color **50.5782, 0.3555, 0.4207** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.9245, 0.2589, 0.2252**, and the grayscale version is **47.7569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3604, 0.3490, 0.4047**, and **24.2249, 0.3651, 0.4456** is the 20% darker color. If you saturate the color by 10%, you get **49.7239, 0.3662, 0.4460**, and if you desaturate by 10%, it is **51.5447, 0.3439, 0.3946**.

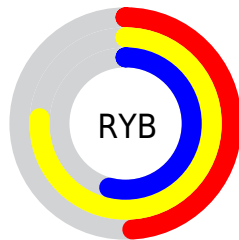
Distribution



Red (72%)

Green (76%)

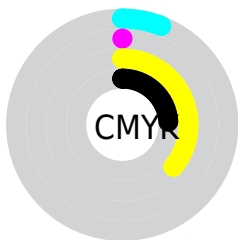
Blue (49%)



Red (49%)

Yellow (76%)

Blue (54%)

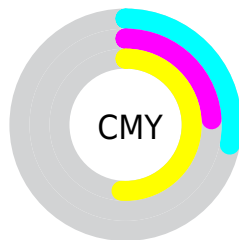


Cyan (6%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5782, 0.3555, 0.4207 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 50.5782, 0.3555, 0.4207 by changing the saturation by 10% instead.


 50.5782, 0.3555,
0.4207

 50.5782, 0.3555,
0.4207


388.9228, 0.3356,
0.3746


 35.8730, 0.3599,
0.4321


 91.0310, 0.3487,
0.4040

 24.3362, 0.3650,
0.4466


 117.5474, 0.3460,
0.3977

 15.5832, 0.3712,
0.4655


 148.7696, 0.3437,
0.3923

 9.2297, 0.3781,
0.4910

185.0822, 0.3417,
0.3878

 4.8913, 0.3851,
0.5267

226.8693, 0.3399,
0.3838

 2.1836, 0.4016,
0.5984

274.5156, 0.3383,

 0.7110, 0.2981,

0.3803

0.7019

328.4053, 0.3369,
0.3773

0.0000, 0.0000,
0.0000

50.5782, 0.3555,
0.4207

50.5782, 0.3555,
0.4207

49.7239, 0.3662,
0.4460

51.5447, 0.3439,
0.3946

48.9691, 0.3754,
0.4694

52.6219, 0.3318,
0.3686

48.3097, 0.3826,
0.4899


53.8171, 0.3197,
0.3433


47.7386, 0.3875,
0.5066

55.1349, 0.3080,
0.3194

47.2471, 0.3898,
0.5189

56.5797, 0.2967,
0.2970


 46.8250, 0.3896,
0.5267

 58.1557, 0.2861,
0.2764

 46.6637, 0.3892,
0.5292

 59.4415, 0.2802,
0.2638

 59.9279, 0.2826,
0.2642

 60.4246, 0.2849,
0.2647

Harmonies

Analogous

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



50.5782, 0.3955, 0.4048



50.5782, 0.3555, 0.4207



50.5782, 0.3059, 0.4077

Triad

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



50.5782, 0.3555, 0.4207



50.5782, 0.2211, 0.2750



50.5782, 0.3642, 0.2936

Complementary

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



50.5782, 0.3555, 0.4207



23.9245, 0.2589, 0.2252

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.



50.5782, 0.3131, 0.2646



50.5782, 0.3555, 0.4207



50.5782, 0.2334, 0.2525

Square

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



50.5782, 0.3555, 0.4207



50.5782, 0.2303, 0.3162



50.5782, 0.2658, 0.2497



50.5782, 0.4022, 0.3313

Rectangle

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



50.5782, 0.3555, 0.4207



50.5782, 0.2743, 0.3827



50.5782, 0.2658, 0.2497



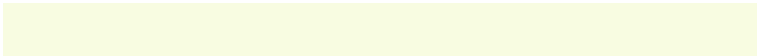
50.5782, 0.3477, 0.2827

Sweetspot

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



50.5805, 0.3555, 0.4207



95.2198, 0.3261, 0.3565



30.8778, 0.3923, 0.3450



20.7880, 0.3277, 0.3600



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.



50.5805, 0.3555, 0.4207



89.3705, 0.3639, 0.4404



46.8429, 0.3259, 0.4301



11.6679, 0.3239, 0.3519



30.3565, 0.3896, 0.5289



1.3353, 0.3966, 0.5233

Inverse Universe

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



23.9245, 0.2589, 0.2252



34.7122, 0.2446, 0.1992



27.3375, 0.2927, 0.2345



9.8294, 0.3009, 0.3054



2.8024, 0.1583, 0.0646



0.1474, 0.1780, 0.0754

Previews

White Background



This preview shows how the Yxy color 50.5782, 0.3555, 0.4207 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 50.5782, 0.3555, 0.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

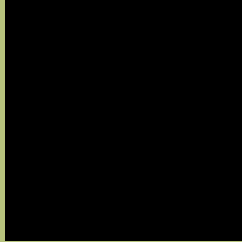
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5782, 0.3555, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 50.5782, 0.3555, 0.4207.



This preview shows how white text looks on a background with the Yxy color 50.5782, 0.3555, 0.4207.

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

50.5782, 0.3555, 0.4207

Protanopia

50.3507, 0.3804, 0.4104

Deuteranopia

50.2086, 0.3978, 0.3896



Tritanopia

50.4944, 0.3070, 0.3117

Trichromacy



Original Color

50.5782, 0.3555, 0.4207

Protanomaly

50.5620, 0.3710, 0.4148

Deuteranomaly

49.9319, 0.3824, 0.3998

Tritanomaly

50.2311, 0.3251, 0.3495

Monochromacy



Original Color

50.5782, 0.3555, 0.4207

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2166, 0.3289, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5782, 0.3555, 0.4207 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(183, 195, 125)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 125)  
}
```

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(183, 195, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 125) }
```

Border

The CSS property to change the border of an element to Yxy 50.5782, 0.3555, 0.4207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

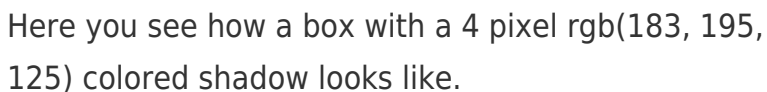
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 195, 125) }
```

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

```
.border{ border-color:rgb(183, 195, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 195, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 195, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 195, 125); box-shadow:4px 4px 4px 4px rgb(183, 195, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5782, 0.3555, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 125) }
```

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

```
.background{ background-color: rgb(183,  
195, 125) }
```

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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