

Converting Colors

Yxy(51.4517, 0.3882, 0.4208)

Have a look what the booklet for
Yxy(51.4517, 0.3882, 0.4208)
contains.

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Color

Yxy(51.4517, 0.3882, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	D0BE72
RGB	208, 190, 114
RGB Percent	82%, 75%, 45%
CMY	0.1843, 0.2549, 0.5529
CMYK	0.00, 0.09, 0.45, 0.18
HSL	49°, 50%, 63%
HSV	49°, 45%, 82%
XYZ	47.4657, 51.4517, 23.3538
YIQ	186.7180, 35.1240, -19.8200

Conversions

Conversions Part 2

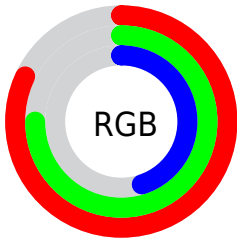
Format	Color
RYB	136, 208, 114
Decimal	13680242
CIELab	76.95, -3.97, 40.54
CIELCh	77, 40.736, 95.586
Yxy	51.4517, 0.3882, 0.4208
Android (android.graphics.Color)	4291870322 (0xFFD0BE72)
YUV	186.7180, -35.8500, 18.6643
Hunter-Lab	71.7298, -7.4087, 30.9073

Details

The Yxy color **51.4517, 0.3882, 0.4208** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.6424, 0.2326, 0.2157**, and the grayscale version is **49.7203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9616, 0.3677, 0.4075**, and **24.9369, 0.4059, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **49.3301, 0.4053, 0.4388**, and if you desaturate by 10%, it is **53.7330, 0.3706, 0.4010**.

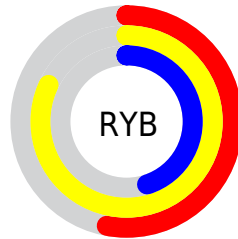
Distribution



Red (82%)

Green (75%)

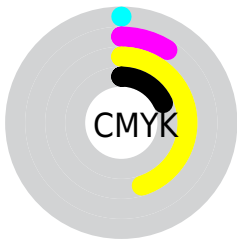
Blue (45%)



Red (53%)

Yellow (82%)

Blue (45%)

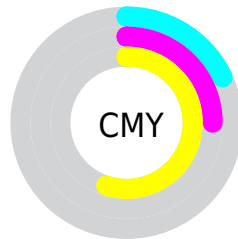


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (18%)



Cyan (18%)


Magenta (25%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4517, 0.3882, 0.4208 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 51.4517, 0.3882, 0.4208 by changing the saturation by 10% instead.


 51.4517, 0.3882,
0.4208

 51.4517, 0.3882,
0.4208

392.3162, 0.3524,
0.3764

 36.5682, 0.3962,
0.4311


 92.3221, 0.3758,
0.4052

 24.8734, 0.4060,
0.4437


 119.0778, 0.3709,
0.3992

 15.9827, 0.4177,
0.4593


 150.5598, 0.3668,
0.3940

 9.5119, 0.4317,
0.4787

187.1523, 0.3631,
0.3895

 5.0766, 0.4516,
0.5070

229.2398, 0.3599,
0.3856

 2.2923, 0.4661,
0.5339

277.2067, 0.3571,

 0.7696, 0.4520,

0.3822

0.5480

331.4373, 0.3546,
0.3791

0.0000, 0.0000,
0.0000

51.4517, 0.3882,
0.4208

51.4517, 0.3882,
0.4208

49.3301, 0.4053,
0.4388

53.7330, 0.3706,
0.4010

47.3533, 0.4212,
0.4540

56.1738, 0.3532,
0.3803

45.5149, 0.4351,
0.4653


58.7832, 0.3364,
0.3595

43.8050, 0.4464,
0.4722


61.5671, 0.3205,
0.3392


42.2112, 0.4547,
0.4744


64.5313, 0.3058,
0.3198

 41.4748, 0.4581,
0.4745

 67.6812, 0.2923,
0.3016

 70.7205, 0.2827,
0.2893

 72.8110, 0.2830,
0.2937

 74.9516, 0.2832,
0.2980

Harmonies

Analogous

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



51.4517, 0.4185, 0.3892



51.4517, 0.3882, 0.4208



51.4517, 0.3390, 0.4282

Triad

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



51.4517, 0.3882, 0.4208



51.4517, 0.2170, 0.2958



51.4517, 0.3342, 0.2696

Complementary

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



51.4517, 0.3882, 0.4208



24.6424, 0.2326, 0.2157

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.



51.4517, 0.2794, 0.2474



51.4517, 0.3882, 0.4208



51.4517, 0.2160, 0.2585

Square

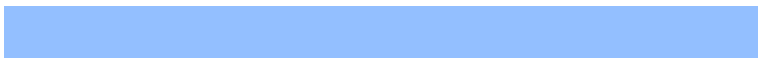
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4517, 0.3882, 0.4208



51.4517, 0.2412, 0.3494



51.4517, 0.2376, 0.2427



51.4517, 0.3870, 0.3050

Rectangle

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



51.4517, 0.3882, 0.4208



51.4517, 0.3027, 0.4142



51.4517, 0.2376, 0.2427



51.4517, 0.3153, 0.2605

Sweetspot

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



51.4541, 0.3882, 0.4208



93.6239, 0.3347, 0.3574



27.1382, 0.4081, 0.3055



19.8398, 0.3383, 0.3619



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.



51.4541, 0.3882, 0.4208



78.3796, 0.4044, 0.4379



56.0119, 0.3556, 0.4489



13.3966, 0.3271, 0.3477



25.9822, 0.4575, 0.4750



1.5541, 0.4492, 0.4815

Inverse Universe

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



24.6424, 0.2326, 0.2157



30.8726, 0.2143, 0.1872



22.3630, 0.2521, 0.1971



11.7790, 0.2982, 0.3096



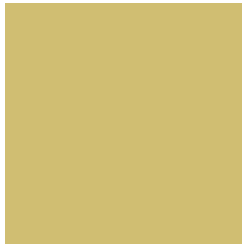
3.8845, 0.1553, 0.0792



0.3284, 0.1645, 0.1122

Previews

White Background



This preview shows how the Yxy color 51.4517, 0.3882, 0.4208 looks on a white background.

Color Contrast Check

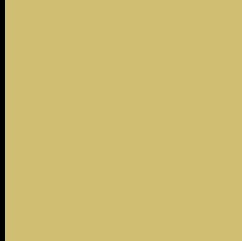
Large Text (above 18pt) WCAG AA × Fail

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 51.4517, 0.3882, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

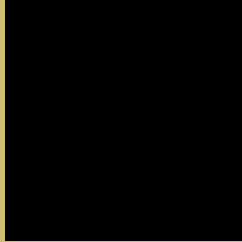
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4517, 0.3882, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 51.4517, 0.3882, 0.4208.



This preview shows how white text looks on a background with the Yxy color 51.4517, 0.3882, 0.4208.

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

51.4517, 0.3882, 0.4208

Protanopia

51.4517, 0.3882, 0.4208

Deuteranopia

51.1317, 0.4116, 0.4024



Tritanopia

51.1365, 0.3325, 0.3127

Trichromacy



Original Color

51.4517, 0.3882, 0.4208

Protanomaly

51.4517, 0.3882, 0.4208

Deuteranomaly

51.0484, 0.4034, 0.4090

Tritanomaly

51.1437, 0.3536, 0.3520

Monochromacy



Original Color

51.4517, 0.3882, 0.4208

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1066, 0.3409, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4517, 0.3882, 0.4208 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(208, 190, 114)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 114)  
}
```

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(208, 190, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 114) }
```

Border

The CSS property to change the border of an element to Yxy 51.4517, 0.3882, 0.4208 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(208, 190, 114) }
```

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

```
.border{ border-color:rgb(208, 190, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 114);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4517, 0.3882, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 114) }
```

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

```
.background{ background-color: rgb(208,  
190, 114) }
```

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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