

Converting Colors

Yxy(50.8109, 0.3786, 0.4092)

Have a look what the booklet for
Yxy(50.8109, 0.3786, 0.4092)
contains.

Yxy(50.8296, 0.3784, 0.4091)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8296, 0.3784, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	CDBD7C
RGB	205, 189, 124
RGB Percent	80%, 74%, 49%
CMY	0.1960, 0.2588, 0.5137
CMYK	0.00, 0.08, 0.40, 0.20
HSL	48°, 45%, 65%
HSV	48°, 40%, 80%
XYZ	47.0152, 50.8296, 26.4026
YIQ	186.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

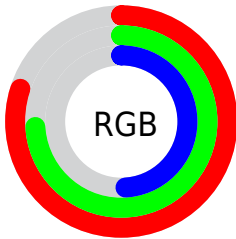
Format	Color
RYB	144, 205, 124
Decimal	13483388
CIELab	76.58, -3.60, 34.90
CIELCh	77, 35.082, 95.894
Yxy	50.8296, 0.3784, 0.4091
Android (android.graphics.Color)	4291673468 (0xFFCDBD7C)
YUV	186.3740, -30.7504, 16.3350
Hunter-Lab	71.2949, -7.0547, 27.9496

Details

The Yxy color **50.8296, 0.3784, 0.4091** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.4544, 0.2439, 0.2332**, and the grayscale version is **49.4888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7391, 0.3618, 0.3968**, and **24.4923, 0.3939, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **48.6469, 0.3960, 0.4281**, and if you desaturate by 10%, it is **53.1735, 0.3607, 0.3888**.

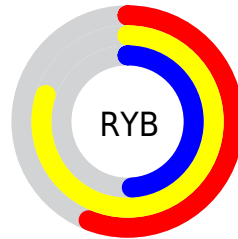
Distribution



Red (80%)

Green (74%)

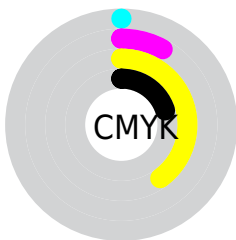
Blue (49%)



Red (56%)

Yellow (80%)

Blue (49%)

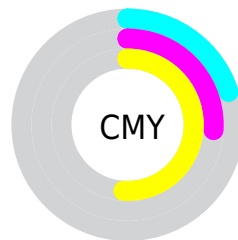


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8296, 0.3784, 0.4091 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 50.8296, 0.3784, 0.4091 by changing the saturation by 10% instead.


 50.8296, 0.3784,
0.4091


 50.8296, 0.3784,
0.4091

389.9014, 0.3468,
0.3700


 36.0730, 0.3857,
0.4184


 91.4028, 0.3673,
0.3952

 24.4906, 0.3946,
0.4299


 117.9883, 0.3631,
0.3899

 15.6979, 0.4057,
0.4444


 149.2855, 0.3594,
0.3854

 9.3107, 0.4195,
0.4631

185.6788, 0.3562,
0.3814

 4.9444, 0.4369,
0.4878

227.5527, 0.3534,
0.3780

 2.2147, 0.4678,
0.5322

275.2915, 0.3510,

 0.7280, 0.4534,

0.3750

0.5466

329.2796, 0.3488,
0.3724

0.0000, 0.0000,
0.0000

50.8296, 0.3784,
0.4091

50.8296, 0.3784,
0.4091

48.6469, 0.3960,
0.4281

53.1735, 0.3607,
0.3888

46.6114, 0.4128,
0.4449

55.6781, 0.3436,
0.3681

44.7173, 0.4281,
0.4585

58.3519, 0.3272,
0.3477

42.9559, 0.4412,
0.4679

61.2005, 0.3120,
0.3281

41.3165, 0.4515,
0.4727

64.2293, 0.2980,
0.3095

■ 39.7812, 0.4591,
0.4734

■ 67.4434, 0.2852,
0.2922

■ 39.7082, 0.4595,
0.4734

■ 70.0153, 0.2808,
0.2885

■ 72.1346, 0.2810,
0.2930

■ 74.3057, 0.2813,
0.2974

Harmonies

Analogous

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



50.8296, 0.4044, 0.3827



50.8296, 0.3784, 0.4091



50.8296, 0.3357, 0.4140

Triad

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



50.8296, 0.3784, 0.4091



50.8296, 0.2288, 0.3005



50.8296, 0.3321, 0.2772

Complementary

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



50.8296, 0.3784, 0.4091



27.4544, 0.2439, 0.2332

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.



50.8296, 0.2844, 0.2574



50.8296, 0.3784, 0.4091



50.8296, 0.2280, 0.2677

Square

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



50.8296, 0.3784, 0.4091



50.8296, 0.2502, 0.3464



50.8296, 0.2474, 0.2534



50.8296, 0.3774, 0.3087

Rectangle

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



50.8296, 0.3784, 0.4091



50.8296, 0.3041, 0.4014



50.8296, 0.2474, 0.2534



50.8296, 0.3158, 0.2691

Sweetspot

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



50.8319, 0.3784, 0.4091



94.3852, 0.3314, 0.3530



29.2967, 0.3908, 0.3083



20.0770, 0.3336, 0.3557



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.



50.8319, 0.3784, 0.4091



80.3400, 0.3926, 0.4246



54.9127, 0.3509, 0.4334



12.7053, 0.3270, 0.3475



24.8522, 0.4588, 0.4739



1.3807, 0.4497, 0.4811

Inverse Universe

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



27.4544, 0.2439, 0.2332



37.1240, 0.2282, 0.2095



25.1492, 0.2614, 0.2156



11.1971, 0.2982, 0.3098



3.8185, 0.1557, 0.0804



0.3057, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 50.8296, 0.3784, 0.4091 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 50.8296, 0.3784, 0.4091 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 50.8296, 0.3784, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 50.8296, 0.3784, 0.4091.



This preview shows how white text looks on a background with the Yxy color 50.8296, 0.3784, 0.4091.

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

50.8296, 0.3784, 0.4091

Protanopia

50.8296, 0.3784, 0.4091

Deuteranopia

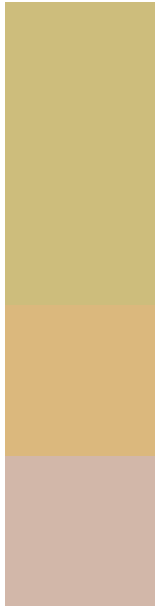
50.8850, 0.4008, 0.3924



Tritanopia

50.6837, 0.3299, 0.3125

Trichromacy



Original Color

50.8296, 0.3784, 0.4091

Protanomaly

50.8296, 0.3784, 0.4091

Deuteranomaly

50.8217, 0.3927, 0.3988

Tritanomaly

50.4332, 0.3478, 0.3461

Monochromacy



Original Color

50.8296, 0.3784, 0.4091

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5224, 0.3369, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8296, 0.3784, 0.4091 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, 189, 124)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 124)  
}
```

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, 189, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 124) }
```

Border

The CSS property to change the border of an element to Yxy 50.8296, 0.3784, 0.4091 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, 189, 124) }
```

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

```
.border{ border-color:rgb(205, 189, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 124);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8296, 0.3784, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 124) }
```

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

```
.background{ background-color: rgb(205,  
189, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor