

Converting Colors

$Yxy(49.6740, 0.3483, 0.3783)$

Have a look what the booklet for
Yxy(49.6740, 0.3483, 0.3783)
contains.

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Color

Yxy(49.6378, 0.3481, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	C2BC96
RGB	194, 188, 150
RGB Percent	76%, 74%, 59%
CMY	0.2392, 0.2627, 0.4119
CMYK	0.00, 0.03, 0.23, 0.24
HSL	52°, 27%, 67%
HSV	52°, 23%, 76%
XYZ	45.7356, 49.6378, 36.0130
YIQ	185.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

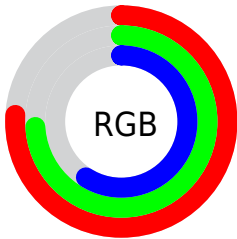
Format	Color
RYB	157, 194, 150
Decimal	12762262
CIELab	75.85, -4.08, 20.04
CIELCh	76, 20.454, 101.506
Yxy	49.6378, 0.3481, 0.3778
Android (android.graphics.Color)	4290952342 (0xFFC2BC96)
YUV	185.4620, -17.4828, 7.4878
Hunter-Lab	70.4541, -7.4205, 19.0114

Details

The Yxy color **49.6378, 0.3481, 0.3778** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1452, 0.2754, 0.2750**, and the grayscale version is **48.8797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5702, 0.3422, 0.3691**, and **23.8042, 0.3575, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **47.9467, 0.3646, 0.3997**, and if you desaturate by 10%, it is **51.4575, 0.3320, 0.3559**.

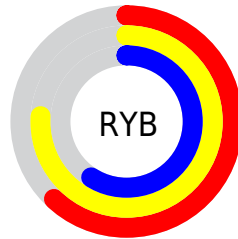
Distribution



Red (76%)

Green (74%)

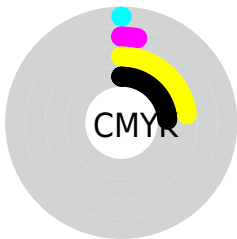
Blue (59%)



Red (62%)

Yellow (76%)

Blue (59%)

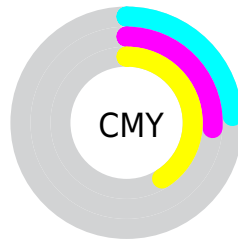


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (26%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6378, 0.3481, 0.3778 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 49.6378, 0.3481, 0.3778 by changing the saturation by 10% instead.


 49.6378, 0.3481,
0.3778


 49.6378, 0.3481,
0.3778


385.2478, 0.3308,
0.3535

 35.1257, 0.3523,
0.3838


 89.6380, 0.3419,
0.3690

 23.7597, 0.3575,
0.3914


 115.8949, 0.3396,
0.3657

 15.1555, 0.3644,
0.4015


146.8354, 0.3375,
0.3629

 8.9286, 0.3735,
0.4153

182.8441, 0.3358,
0.3605

 4.6946, 0.3862,
0.4352

224.3053, 0.3343,
0.3584

 2.0692, 0.4107,
0.4730

271.6034, 0.3330,

 0.6472, 0.4434,

0.3566

0.5566

325.1228, 0.3318,
0.3549

0.0000, 0.0000,
0.0000

49.6378, 0.3481,
0.3778

49.6378, 0.3481,
0.3778

47.9467, 0.3646,
0.3997

51.4575, 0.3320,
0.3559

46.3723, 0.3812,
0.4208

53.4041, 0.3167,
0.3346

44.9113, 0.3970,
0.4402

55.4841, 0.3024,
0.3143

43.5574, 0.4116,
0.4569

57.7021, 0.2892,
0.2952

42.3038, 0.4242,
0.4700

60.0620, 0.2771,
0.2775

■ 41.1425, 0.4343,
0.4789

■ 61.8131, 0.2726,
0.2724

■ 40.0642, 0.4416,
0.4833

■ 63.0796, 0.2728,
0.2754

■ 39.3161, 0.4456,
0.4844

■ 64.3674, 0.2731,
0.2784

■ 65.6768, 0.2733,
0.2814

Harmonies

Analogous

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



49.6378, 0.3651, 0.3658



49.6378, 0.3481, 0.3778



49.6378, 0.3220, 0.3761

Triad

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



49.6378, 0.3481, 0.3778



49.6378, 0.2608, 0.3089



49.6378, 0.3299, 0.3007

Complementary

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



49.6378, 0.3481, 0.3778



34.1452, 0.2754, 0.2750

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.



49.6378, 0.3015, 0.2867



49.6378, 0.3481, 0.3778



49.6378, 0.2626, 0.2903

Square

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



49.6378, 0.3481, 0.3778



49.6378, 0.2721, 0.3346



49.6378, 0.2771, 0.2827



49.6378, 0.3545, 0.3216

Rectangle

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



49.6378, 0.3481, 0.3778



49.6378, 0.3032, 0.3668



49.6378, 0.2771, 0.2827



49.6378, 0.3205, 0.2951

Sweetspot

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



49.6400, 0.3481, 0.3778



95.1622, 0.3233, 0.3439



35.6944, 0.3518, 0.3203



20.7918, 0.3243, 0.3452



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.



49.6400, 0.3481, 0.3778



88.4502, 0.3559, 0.3882



50.3228, 0.3333, 0.3874



11.5167, 0.3268, 0.3487



25.9359, 0.4452, 0.4847



1.1866, 0.4386, 0.4899

Inverse Universe

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



34.1452, 0.2754, 0.2750



55.6784, 0.2666, 0.2619



33.7404, 0.2885, 0.2686



9.9644, 0.2983, 0.3085



3.1306, 0.1533, 0.0718



0.2087, 0.1622, 0.1040

Previews

White Background



This preview shows how the Yxy color 49.6378, 0.3481, 0.3778 looks on a white background.

Color Contrast Check

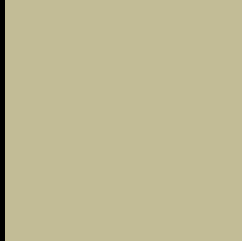
Large Text (above 18pt) WCAG AA × Fail

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 49.6378, 0.3481, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

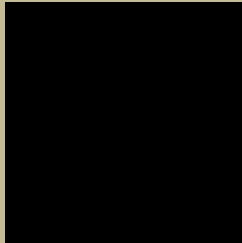
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

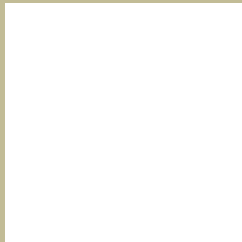
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6378, 0.3481, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 49.6378, 0.3481, 0.3778.



This preview shows how white text looks on a background with the Yxy color 49.6378, 0.3481, 0.3778.

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

49.6378, 0.3481, 0.3778

Protanopia

49.8527, 0.3536, 0.3771

Deuteranopia

49.6612, 0.3697, 0.3628



Tritanopia

49.7208, 0.3169, 0.3119

Trichromacy



Original Color

49.6378, 0.3481, 0.3778

Protanomaly

49.5809, 0.3518, 0.3774

Deuteranomaly

49.6566, 0.3622, 0.3685

Tritanomaly

49.5414, 0.3287, 0.3353

Monochromacy



Original Color

49.6378, 0.3481, 0.3778

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7877, 0.3254, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6378, 0.3481, 0.3778 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(194, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 150)  
}
```

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(194, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 150) }
```

Border

The CSS property to change the border of an element to Yxy 49.6378, 0.3481, 0.3778 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(194, 188, 150) }
```

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

```
.border{ border-color:rgb(194, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 188, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 188, 150); box-shadow:4px 4px 4px 4px rgb(194, 188, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6378, 0.3481, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 150) }
```

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

```
.background{ background-color: rgb(194,  
188, 150) }
```

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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