

Converting Colors

$Yxy(48.2421, 0.3555, 0.3683)$

Have a look what the booklet for
Yxy(48.2421, 0.3555, 0.3683)
contains.

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Color

Yxy(48.1078, 0.3552, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	C9B697
RGB	201, 182, 151
RGB Percent	79%, 71%, 59%
CMY	0.2118, 0.2862, 0.4079
CMYK	0.00, 0.09, 0.25, 0.21
HSL	37°, 32%, 69%
HSV	37°, 25%, 79%
XYZ	46.3967, 48.1078, 36.1168
YIQ	184.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

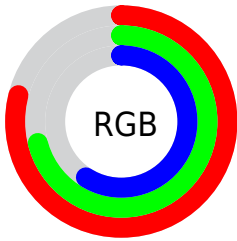
Format	Color
RYB	182, 201, 151
Decimal	13219479
CIELab	74.89, 1.91, 18.27
CIElCh	75, 18.366, 84.034
Yxy	48.1078, 0.3552, 0.3683
Android (android.graphics.Color)	4291409559 (0xFFC9B697)
YUV	184.1470, -16.3415, 14.7801
Hunter-Lab	69.3598, -1.9761, 17.6786

Details

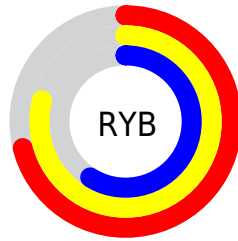
The Yxy color **48.1078, 0.3552, 0.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5307, 0.2728, 0.2863**, and the grayscale version is **48.1012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8168, 0.3454, 0.3620**, and **22.7316, 0.3666, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **44.4722, 0.3753, 0.3847**, and if you desaturate by 10%, it is **52.0292, 0.3368, 0.3520**.

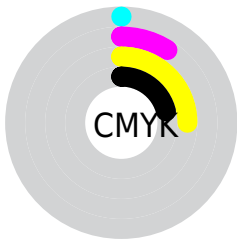
Distribution



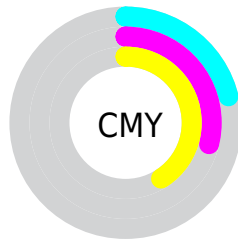
- Red (79%)
- Green (71%)
- Blue (59%)



- Red (71%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (21%)





- Cyan (21%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1078, 0.3552, 0.3683 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 48.1078, 0.3552, 0.3683 by changing the saturation by 10% instead.

 48.1078, 0.3552,
0.3683


 48.1078, 0.3552,
0.3683


379.2193, 0.3341,
0.3489

 33.9123, 0.3604,
0.3730


 87.3649, 0.3476,
0.3613

 22.8262, 0.3670,
0.3790


 113.1952, 0.3447,
0.3587

 14.4652, 0.3758,
0.3868


143.6726, 0.3422,
0.3565

 8.4449, 0.3877,
0.3974

179.1815, 0.3402,
0.3545

 4.3810, 0.4049,
0.4124

220.1062, 0.3383,
0.3528

 1.8889, 0.4377,
0.4413

266.8311, 0.3367,

 0.5417, 0.5090,

0.3514

0.4910

319.7407, 0.3353,
0.3501

0.0000, 0.0000,
0.0000

48.1078, 0.3552,
0.3683

48.1078, 0.3552,
0.3683

44.4722, 0.3753,
0.3847

52.0292, 0.3368,
0.3520

41.1075, 0.3969,
0.4007

56.2378, 0.3202,
0.3363

38.0071, 0.4193,
0.4152

60.7432, 0.3053,
0.3215

35.1614, 0.4418,
0.4273

65.5524, 0.2921,
0.3077

32.5598, 0.4634,
0.4358

70.6725, 0.2804,
0.2949

■ 30.1906, 0.4828,
0.4395

■ 74.9952, 0.2790,
0.2997

■ 28.0400, 0.4990,
0.4381

■ 79.2787, 0.2796,
0.3081

■ 27.0099, 0.5065,
0.4360

■ 83.7496, 0.2802,
0.3163

■ 88.4101, 0.2807,
0.3244

Harmonies

Analogous

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



48.1078, 0.3633, 0.3523



48.1078, 0.3552, 0.3683



48.1078, 0.3357, 0.3742

Triad

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



48.1078, 0.3552, 0.3683



48.1078, 0.2701, 0.3241



48.1078, 0.3133, 0.2948

Complementary

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



48.1078, 0.3552, 0.3683



39.5307, 0.2728, 0.2863

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.



48.1078, 0.2888, 0.2871



48.1078, 0.3552, 0.3683



48.1078, 0.2646, 0.3027

Square

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



48.1078, 0.3552, 0.3683



48.1078, 0.2867, 0.3480



48.1078, 0.2713, 0.2897



48.1078, 0.3385, 0.3107

Rectangle

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



48.1078, 0.3552, 0.3683



48.1078, 0.3191, 0.3708



48.1078, 0.2713, 0.2897



48.1078, 0.3047, 0.2912

Sweetspot

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



48.1100, 0.3552, 0.3683



94.6575, 0.3237, 0.3398



37.4551, 0.3449, 0.3046



20.1646, 0.3247, 0.3407



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.



48.1100, 0.3552, 0.3683



78.8717, 0.3662, 0.3774



55.6193, 0.3450, 0.3915



11.7146, 0.3274, 0.3433



17.1680, 0.5049, 0.4373



0.9494, 0.4826, 0.4550

Inverse Universe

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



39.5307, 0.2728, 0.2863



61.6264, 0.2633, 0.2751



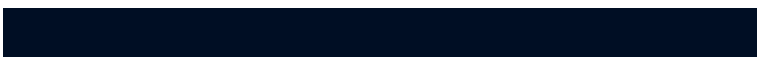
33.4993, 0.2754, 0.2601



10.9361, 0.2983, 0.3143



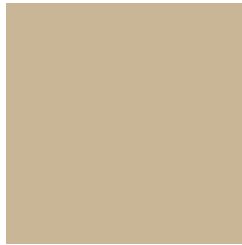
6.0889, 0.1672, 0.1220



0.4276, 0.1791, 0.1647

Previews

White Background



This preview shows how the Yxy color 48.1078, 0.3552, 0.3683 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 48.1078, 0.3552, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

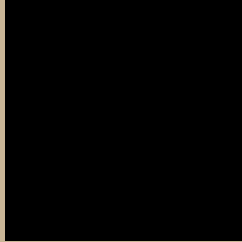
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1078, 0.3552, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 48.1078, 0.3552, 0.3683.



This preview shows how white text looks on a background with the Yxy color 48.1078, 0.3552, 0.3683.

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

48.1078, 0.3552, 0.3683

Protanopia

48.1501, 0.3484, 0.3702

Deuteranopia

48.0074, 0.3679, 0.3596



Tritanopia

48.2838, 0.3275, 0.3133

Trichromacy



Original Color

48.1078, 0.3552, 0.3683

Protanomaly

48.0043, 0.3504, 0.3687

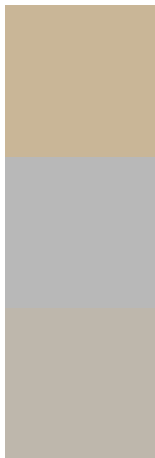
Deuteranomaly

48.0625, 0.3626, 0.3625

Tritanomaly

48.2122, 0.3372, 0.3328

Monochromacy



Original Color

48.1078, 0.3552, 0.3683

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7927, 0.3276, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1078, 0.3552, 0.3683 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(201, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(201, 182, 151)  
}
```

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(201, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 182, 151) }
```

Border

The CSS property to change the border of an element to Yxy 48.1078, 0.3552, 0.3683 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(201, 182, 151) }
```

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

```
.border{ border-color:rgb(201, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(201, 182,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1078, 0.3552, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 182, 151) }
```

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

```
.background{ background-color: rgb(201,  
182, 151) }
```

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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