

Converting Colors

$Yxy(46.5310, 0.3547, 0.3578)$

Have a look what the booklet for
Yxy(46.5310, 0.3547, 0.3578)
contains.

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Color

Yxy(46.3674, 0.3541, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	CAB19B
RGB	202, 177, 155
RGB Percent	79%, 69%, 61%
CMY	0.2077, 0.3059, 0.3921
CMYK	0.00, 0.12, 0.23, 0.21
HSL	28°, 31%, 70%
HSV	28°, 23%, 79%
XYZ	46.0036, 46.3674, 37.5460
YIQ	181.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

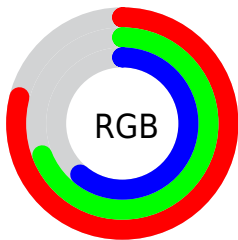
Format	Color
R _Y B	202, 196, 155
Decimal	13283739
CIE Lab	73.78, 5.58, 14.55
CIE LCh	74, 15.582, 69.030
Yxy	46.3674, 0.3541, 0.3569
Android (android.graphics.Color)	4291473819 (0xFFCAB19B)
YUV	181.9670, -13.2947, 17.5689
Hunter-Lab	68.0936, 1.4297, 14.9737

Details

The Yxy color $46.3674, 0.3541, 0.3569$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.9059, 0.2763, 0.2994$, and the grayscale version is $46.8286, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1413, 0.3437, 0.3531$, and $21.6178, 0.3655, 0.3634$ is the 20% darker color. If you saturate the color by 10%, you get $41.6613, 0.3762, 0.3696$, and if you desaturate by 10%, it is $51.5266, 0.3347, 0.3445$.

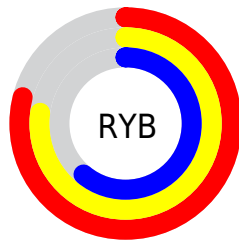
Distribution



Red (79%)

Green (69%)

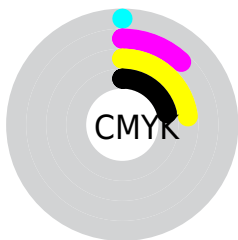
Blue (61%)



Red (79%)

Yellow (77%)

Blue (61%)

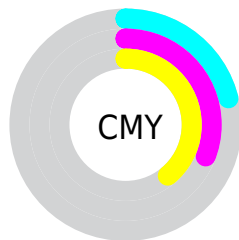


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (21%)



Cyan (21%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3674, 0.3541, 0.3569 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 46.3674, 0.3541, 0.3569 by changing the saturation by 10% instead.


 46.3674, 0.3541,
0.3569


 46.3674, 0.3541,
0.3569


372.2838, 0.3333,
0.3432

 32.5358, 0.3593,
0.3602


 84.7686, 0.3465,
0.3520

 21.7711, 0.3660,
0.3644


 110.1070, 0.3437,
0.3501

 13.6888, 0.3749,
0.3699


140.0498, 0.3413,
0.3485

 7.9045, 0.3873,
0.3773

174.9814, 0.3392,
0.3472

 4.0339, 0.4057,
0.3878

215.2862, 0.3374,
0.3460

 1.6926, 0.4389,
0.4064

261.3486, 0.3359,

 0.4188, 0.5605,

0.3449

0.4395

313.5530, 0.3345,
0.3440

0.0000, 0.0000,
0.0000

46.3674, 0.3541,
0.3569

46.3674, 0.3541,
0.3569

41.6613, 0.3762,
0.3696

51.5266, 0.3347,
0.3445

37.3887, 0.4009,
0.3820

57.1453, 0.3177,
0.3327

33.5375, 0.4279,
0.3934

63.2377, 0.3031,
0.3216

30.0928, 0.4566,
0.4026

69.8154, 0.2903,
0.3114

27.0384, 0.4855,
0.4085

76.8224, 0.2799,
0.3031

■ 24.3564, 0.5130,
0.4098

■ 83.0265, 0.2807,
0.3147

■ 22.0271, 0.5370,
0.4056

■ 89.6073, 0.2814,
0.3261

■ 20.6397, 0.5512,
0.4005

■ 91.3010, 0.2816,
0.3289

Harmonies

Analogous

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



46.3674, 0.3549, 0.3405



46.3674, 0.3541, 0.3569



46.3674, 0.3419, 0.3666

Triad

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



46.3674, 0.3541, 0.3569



46.3674, 0.2821, 0.3353



46.3674, 0.3023, 0.2950

Complementary

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



46.3674, 0.3541, 0.3569



43.9059, 0.2763, 0.2994

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.



46.3674, 0.2836, 0.2928



46.3674, 0.3541, 0.3569



46.3674, 0.2723, 0.3151

Square

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



46.3674, 0.3541, 0.3569



46.3674, 0.3002, 0.3543



46.3674, 0.2728, 0.2998



46.3674, 0.3244, 0.3056

Rectangle

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



46.3674, 0.3541, 0.3569



46.3674, 0.3291, 0.3674



46.3674, 0.2728, 0.2998



46.3674, 0.2954, 0.2933

Sweetspot

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



46.3695, 0.3541, 0.3569



92.9857, 0.3240, 0.3371



39.3113, 0.3356, 0.2975



19.7773, 0.3250, 0.3379



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.



46.3695, 0.3541, 0.3569



74.3119, 0.3651, 0.3634



56.4528, 0.3479, 0.3847



12.0635, 0.3279, 0.3399



13.4518, 0.5490, 0.4023



0.8454, 0.5172, 0.4275

Inverse Universe

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



43.9059, 0.2763, 0.2994



69.4096, 0.2681, 0.2919



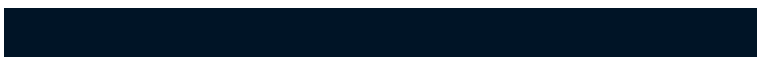
35.2130, 0.2737, 0.2664



11.8169, 0.2983, 0.3179



9.7719, 0.1806, 0.1701



0.6552, 0.1900, 0.2038

Previews

White Background



This preview shows how the Yxy color 46.3674, 0.3541, 0.3569 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 46.3674, 0.3541, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

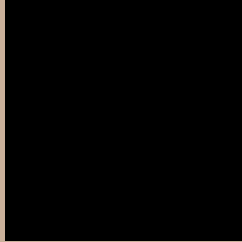
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3674, 0.3541, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 46.3674, 0.3541, 0.3569.



This preview shows how white text looks on a background with the Yxy color 46.3674, 0.3541, 0.3569.

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

46.3674, 0.3541, 0.3569

Protanopia

46.4292, 0.3403, 0.3604

Deuteranopia

46.4364, 0.3603, 0.3540



Tritanopia

46.5541, 0.3314, 0.3132

Trichromacy



Original Color

46.3674, 0.3541, 0.3569

Protanomaly

46.5122, 0.3451, 0.3601

Deuteranomaly

46.5390, 0.3581, 0.3554

Tritanomaly

46.3464, 0.3399, 0.3278

Monochromacy



Original Color

46.3674, 0.3541, 0.3569

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4399, 0.3271, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3674, 0.3541, 0.3569 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(202, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 177, 155)  
}
```

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(202, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 46.3674, 0.3541, 0.3569 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(202, 177, 155) }
```

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

```
.border{ border-color:rgb(202, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3674, 0.3541, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 177, 155) }
```

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

```
.background{ background-color: rgb(202,  
177, 155) }
```

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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