

Converting Colors

$Yxy(48.2974, 0.3511, 0.3634)$

Have a look what the booklet for
Yxy(48.2974, 0.3511, 0.3634)
contains.

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Color

Yxy(48.1018, 0.3509, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	C8B69B
RGB	200, 182, 155
RGB Percent	78%, 71%, 61%
CMY	0.2157, 0.2862, 0.3922
CMYK	0.00, 0.09, 0.23, 0.22
HSL	36°, 29%, 70%
HSV	36°, 23%, 78%
XYZ	46.4600, 48.1018, 37.8406
YIQ	184.3040, 19.3950, -4.5810

Conversions

Conversions Part 2

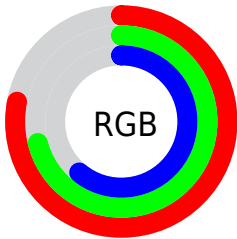
Format	Color
RYB	185, 200, 155
Decimal	13153947
CIELab	74.89, 2.10, 16.09
CIElCh	75, 16.228, 82.549
Yxy	48.1018, 0.3509, 0.3633
Android (android.graphics.Color)	4291344027 (0xFFC8B69B)
YUV	184.3040, -14.4469, 13.7654
Hunter-Lab	69.3555, -1.7980, 16.2000

Details

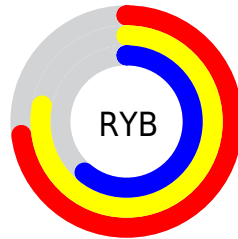
The Yxy color **48.1018, 0.3509, 0.3633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0101, 0.2769, 0.2921**, and the grayscale version is **48.1828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0622, 0.3422, 0.3570**, and **22.8110, 0.3619, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **44.3071, 0.3709, 0.3793**, and if you desaturate by 10%, it is **52.1989, 0.3328, 0.3476**.

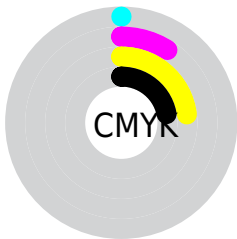
Distribution



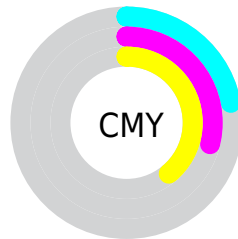
- Red (78%)
- Green (71%)
- Blue (61%)



- Red (73%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1018, 0.3509, 0.3633 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 48.1018, 0.3509, 0.3633 by changing the saturation by 10% instead.


 48.1018, 0.3509,
0.3633

 48.1018, 0.3509,
0.3633

379.1955, 0.3319,
0.3464

 33.9075, 0.3556,
0.3674

 87.3560, 0.3440,
0.3572

 22.8226, 0.3616,
0.3727


 113.1846, 0.3414,
0.3549

 14.4625, 0.3695,
0.3796


143.6602, 0.3392,
0.3529

 8.4431, 0.3804,
0.3890

179.1671, 0.3373,
0.3513

 4.3797, 0.3963,
0.4023

220.0896, 0.3357,
0.3498

 1.8882, 0.4238,
0.4254

266.8123, 0.3343,

 0.5413, 0.5111,

0.3485

0.4889

319.7195, 0.3330,
0.3474

0.0000, 0.0000,
0.0000

48.1018, 0.3509,
0.3633

48.1018, 0.3509,
0.3633

44.3071, 0.3709,
0.3793

52.1989, 0.3328,
0.3476

40.7996, 0.3925,
0.3949

56.5998, 0.3165,
0.3326

37.5724, 0.4154,
0.4095

61.3146, 0.3020,
0.3185

34.6158, 0.4387,
0.4219

66.3506, 0.2892,
0.3054

31.9191, 0.4615,
0.4309

71.7149, 0.2780,
0.2933

■ 29.4705, 0.4825,
0.4354

■ 76.0598, 0.2786,
0.3021

■ 27.2564, 0.5005,
0.4348

■ 80.6073, 0.2792,
0.3108

■ 25.7339, 0.5122,
0.4315

■ 85.3612, 0.2798,
0.3193

■ 90.3241, 0.2804,
0.3278

Harmonies

Analogous

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



48.1018, 0.3573, 0.3489



48.1018, 0.3509, 0.3633



48.1018, 0.3341, 0.3688

Triad

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



48.1018, 0.3509, 0.3633



48.1018, 0.2755, 0.3258



48.1018, 0.3122, 0.2981

Complementary

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



48.1018, 0.3509, 0.3633



41.0101, 0.2769, 0.2921

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.



48.1018, 0.2906, 0.2917



48.1018, 0.3509, 0.3633



48.1018, 0.2700, 0.3067

Square

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



48.1018, 0.3509, 0.3633



48.1018, 0.2906, 0.3468



48.1018, 0.2755, 0.2945



48.1018, 0.3345, 0.3119

Rectangle

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



48.1018, 0.3509, 0.3633



48.1018, 0.3196, 0.3662



48.1018, 0.2755, 0.2945



48.1018, 0.3046, 0.2950

Sweetspot

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



48.1040, 0.3509, 0.3633



94.4378, 0.3237, 0.3394



38.7330, 0.3404, 0.3061



20.1136, 0.3247, 0.3403



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.



48.1040, 0.3509, 0.3633



80.0218, 0.3604, 0.3711



55.3352, 0.3425, 0.3853



11.6785, 0.3275, 0.3429



16.5443, 0.5105, 0.4328



0.9223, 0.4866, 0.4518

Inverse Universe

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



41.0101, 0.2769, 0.2921



65.5958, 0.2687, 0.2829



35.0294, 0.2788, 0.2673



10.9712, 0.2983, 0.3148



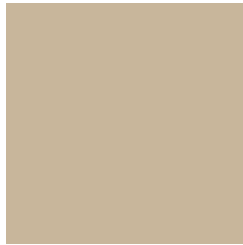
6.4543, 0.1688, 0.1277



0.4467, 0.1806, 0.1700

Previews

White Background



This preview shows how the Yxy color 48.1018, 0.3509, 0.3633 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 48.1018, 0.3509, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

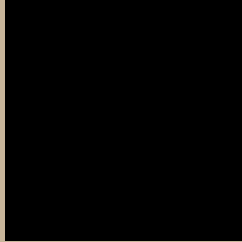
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1018, 0.3509, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 48.1018, 0.3509, 0.3633.



This preview shows how white text looks on a background with the Yxy color 48.1018, 0.3509, 0.3633.

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

48.1018, 0.3509, 0.3633

Protanopia

48.1506, 0.3441, 0.3651

Deuteranopia

47.8416, 0.3625, 0.3548



Tritanopia

48.0432, 0.3249, 0.3120

Trichromacy



Original Color

48.1018, 0.3509, 0.3633

Protanomaly

48.0030, 0.3462, 0.3636

Deuteranomaly

48.0504, 0.3582, 0.3576

Tritanomaly

48.1511, 0.3346, 0.3303

Monochromacy



Original Color

48.1018, 0.3509, 0.3633

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8313, 0.3267, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1018, 0.3509, 0.3633 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(200, 182, 155)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 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(200, 182, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.1018, 0.3509, 0.3633 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(200, 182, 155) }
```

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

```
.border{ border-color:rgb(200, 182, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1018, 0.3509, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 155) }
```

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

```
.background{ background-color: rgb(200,  
182, 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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