

Converting Colors

$Yxy(48.9639, 0.3702, 0.3613)$

Have a look what the booklet for
Yxy(48.9639, 0.3702, 0.3613)
contains.

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Color

Yxy(48.8595, 0.3704, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	D9B298
RGB	217, 178, 152
RGB Percent	85%, 70%, 60%
CMY	0.1488, 0.3020, 0.4039
CMYK	0.00, 0.18, 0.30, 0.15
HSL	24°, 46%, 72%
HSV	24°, 30%, 85%
XYZ	50.2152, 48.8595, 36.4955
YIQ	186.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

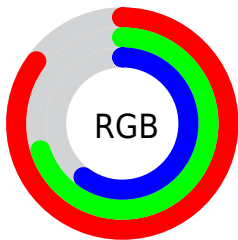
Format	Color
R _Y B	217, 195, 152
Decimal	14267032
CIE Lab	75.36, 10.40, 18.60
CIE LCh	75, 21.304, 60.793
Yxy	48.8595, 0.3704, 0.3604
Android (android.graphics.Color)	4292457112 (0xFFD9B298)
YUV	186.6970, -17.1056, 26.5757
Hunter-Lab	69.8996, 5.9085, 17.9736

Details

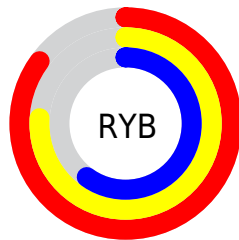
The Yxy color **48.8595, 0.3704, 0.3604** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9859, 0.2660, 0.2952**, and the grayscale version is **49.6031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5619, 0.3455, 0.3572**, and **23.1839, 0.3866, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **43.2707, 0.3958, 0.3713**, and if you desaturate by 10%, it is **55.0761, 0.3482, 0.3495**.

Distribution



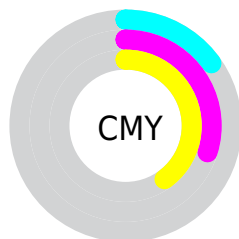
- Red (85%)
- Green (70%)
- Blue (60%)



- Red (85%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8595, 0.3704, 0.3604 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 48.8595, 0.3704, 0.3604 by changing the saturation by 10% instead.


 48.8595, 0.3704,
0.3604


 48.8595, 0.3704,
0.3604


382.1889, 0.3416,
0.3454

 34.5080, 0.3775,
0.3639


 88.4827, 0.3600,
0.3552

 23.2842, 0.3866,
0.3682


 114.5233, 0.3560,
0.3531

 14.8035, 0.3986,
0.3736


145.2291, 0.3527,
0.3514

 8.6816, 0.4151,
0.3806

180.9843, 0.3499,
0.3499

 4.5341, 0.4390,
0.3896

222.1736, 0.3474,
0.3486

 1.9766, 0.4813,
0.4055

269.1812, 0.3452,

 0.5938, 0.5795,

0.3474

0.4205

322.3915, 0.3433,
0.3464

0.0000, 0.0000,
0.0000

48.8595, 0.3704,
0.3604

48.8595, 0.3704,
0.3604

43.2707, 0.3958,
0.3713

55.0761, 0.3482,
0.3495

38.2822, 0.4243,
0.3814

61.9334, 0.3291,
0.3389

33.8740, 0.4553,
0.3899

69.4524, 0.3127,
0.3290

30.0227, 0.4877,
0.3954

77.6511, 0.2986,
0.3197

26.7023, 0.5194,
0.3967

86.1848, 0.2896,
0.3168

■ 23.8846, 0.5479,
0.3929

■ 93.4995, 0.2900,
0.3289

■ 21.5309, 0.5715,
0.3844

■ 21.5231, 0.5716,
0.3843

Harmonies

Analogous

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



48.8595, 0.3671, 0.3370



48.8595, 0.3704, 0.3604



48.8595, 0.3575, 0.3770

Triad

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



48.8595, 0.3704, 0.3604



48.8595, 0.2774, 0.3449



48.8595, 0.2910, 0.2820

Complementary

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



48.8595, 0.3704, 0.3604



48.9859, 0.2660, 0.2952

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.



48.8595, 0.2687, 0.2820



48.8595, 0.3704, 0.3604



48.8595, 0.2612, 0.3170

Square

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



48.8595, 0.3704, 0.3604



48.8595, 0.3034, 0.3691



48.8595, 0.2581, 0.2942



48.8595, 0.3201, 0.2932

Rectangle

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



48.8595, 0.3704, 0.3604



48.8595, 0.3419, 0.3813



48.8595, 0.2581, 0.2942



48.8595, 0.2825, 0.2807

Sweetspot

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



48.8618, 0.3704, 0.3604



90.1267, 0.3275, 0.3380



41.0318, 0.3390, 0.2817



18.9651, 0.3301, 0.3395



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.



48.8618, 0.3704, 0.3604



65.1542, 0.3862, 0.3674



62.8556, 0.3601, 0.3956



13.9006, 0.3282, 0.3384



13.2160, 0.5691, 0.3864



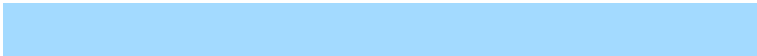
1.0219, 0.5392, 0.4100

Inverse Universe

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



48.9859, 0.2660, 0.2952



65.3482, 0.2561, 0.2868



36.6930, 0.2612, 0.2523



13.9117, 0.2982, 0.3194



12.9650, 0.1870, 0.1932



1.0068, 0.1938, 0.2177

Previews

White Background



This preview shows how the Yxy color 48.8595, 0.3704, 0.3604 looks on a white background.

Color Contrast Check

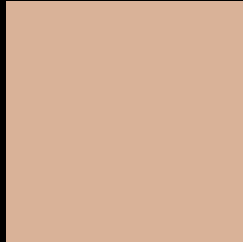
Large Text (above 18pt) WCAG AA × Fail

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 48.8595, 0.3704, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

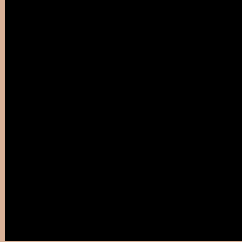
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8595, 0.3704, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 48.8595, 0.3704, 0.3604.



This preview shows how white text looks on a background with the Yxy color 48.8595, 0.3704, 0.3604.

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

48.8595, 0.3704, 0.3604

Protanopia

48.8340, 0.3457, 0.3661

Deuteranopia

49.1061, 0.3691, 0.3617



Tritanopia

48.8045, 0.3449, 0.3139

Trichromacy



Original Color

48.8595, 0.3704, 0.3604

Protanomaly

48.6598, 0.3546, 0.3629

Deuteranomaly

49.1061, 0.3691, 0.3617

Tritanomaly

48.9316, 0.3543, 0.3303

Monochromacy



Original Color

48.8595, 0.3704, 0.3604

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3427, 0.3328, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8595, 0.3704, 0.3604 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(217, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 152)  
}
```

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(217, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 152) }
```

Border

The CSS property to change the border of an element to Yxy 48.8595, 0.3704, 0.3604 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(217, 178, 152) }
```

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

```
.border{ border-color:rgb(217, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(217, 178,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8595, 0.3704, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 152) }
```

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

```
.background{ background-color: rgb(217,  
178, 152) }
```

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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