

Converting Colors

$Yxy(48.0038, 0.3587, 0.3546)$

Have a look what the booklet for
Yxy(48.0038, 0.3587, 0.3546)
contains.

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Color

Yxy(47.9767, 0.3595, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	D2B29D
RGB	210, 178, 157
RGB Percent	82%, 70%, 62%
CMY	0.1764, 0.3019, 0.3844
CMYK	0.00, 0.15, 0.25, 0.18
HSL	24°, 37%, 72%
HSV	24°, 25%, 82%
XYZ	48.5849, 47.9767, 38.5841
YIQ	185.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

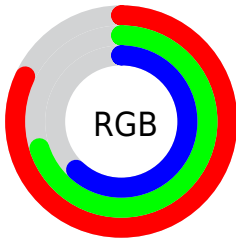
Format	Color
R _Y B	210, 192, 157
Decimal	13808285
CIE Lab	74.81, 8.36, 15.04
CIE LCh	75, 17.207, 60.934
Yxy	47.9767, 0.3595, 0.3550
Android (android.graphics.Color)	4291998365 (0xFFD2B29D)
YUV	185.1740, -13.8898, 21.7724
Hunter-Lab	69.2652, 3.9915, 15.4582

Details

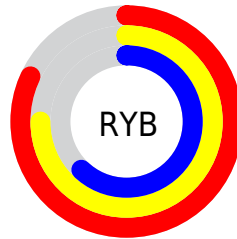
The Yxy color $47.9767, 0.3595, 0.3550$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.2049, 0.2734, 0.3014$, and the grayscale version is $48.6862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8591, 0.3415, 0.3511$, and $22.6764, 0.3728, 0.3605$ is the 20% darker color. If you saturate the color by 10%, you get $42.5096, 0.3833, 0.3659$, and if you desaturate by 10%, it is $54.0374, 0.3388, 0.3443$.

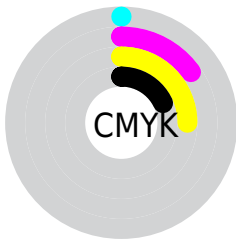
Distribution



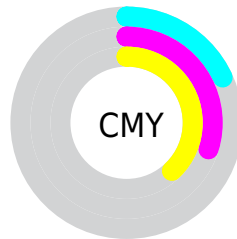
- Red (82%)
- Green (70%)
- Blue (62%)



- Red (82%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9767, 0.3595, 0.3550 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 47.9767, 0.3595, 0.3550 by changing the saturation by 10% instead.


 47.9767, 0.3595,
0.3550


 47.9767, 0.3595,
0.3550


378.6998, 0.3361,
0.3425

 33.8084, 0.3653,
0.3580


 87.1697, 0.3510,
0.3506

 22.7465, 0.3728,
0.3617


 112.9632, 0.3478,
0.3488

 14.4064, 0.3827,
0.3665


143.4007, 0.3451,
0.3474

 8.4039, 0.3965,
0.3728

178.8664, 0.3428,
0.3461

 4.3544, 0.4167,
0.3814

219.7447, 0.3408,
0.3450

 1.8737, 0.4506,
0.3948

266.4201, 0.3390,

 0.5325, 0.5715,

0.3441

0.4285

319.2770, 0.3375,
0.3432

0.0000, 0.0000,
0.0000

47.9767, 0.3595,
0.3550

47.9767, 0.3595,
0.3550

42.5096, 0.3833,
0.3659

54.0374, 0.3388,
0.3443

37.6107, 0.4104,
0.3764

60.7031, 0.3210,
0.3341

33.2623, 0.4404,
0.3857

67.9932, 0.3058,
0.3246

29.4429, 0.4724,
0.3927

75.9239, 0.2927,
0.3157

26.1298, 0.5048,
0.3962

84.0535, 0.2853,
0.3147

■ 23.2977, 0.5352,
0.3949

■ 91.8348, 0.2860,
0.3279

■ 20.9183, 0.5611,
0.3882

■ 92.4434, 0.2860,
0.3289

■ 19.9326, 0.5721,
0.3840

Harmonies

Analogous

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



47.9767, 0.3568, 0.3360



47.9767, 0.3595, 0.3550



47.9767, 0.3492, 0.3681

Triad

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



47.9767, 0.3595, 0.3550



47.9767, 0.2839, 0.3418



47.9767, 0.2952, 0.2904

Complementary

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



47.9767, 0.3595, 0.3550



48.2049, 0.2734, 0.3014

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.



47.9767, 0.2768, 0.2906



47.9767, 0.3595, 0.3550



47.9767, 0.2705, 0.3194

Square

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



47.9767, 0.3595, 0.3550



47.9767, 0.3052, 0.3612



47.9767, 0.2680, 0.3008



47.9767, 0.3189, 0.2997

Rectangle

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



47.9767, 0.3595, 0.3550



47.9767, 0.3366, 0.3713



47.9767, 0.2680, 0.3008



47.9767, 0.2882, 0.2894

Sweetspot

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



47.9789, 0.3595, 0.3550



91.1505, 0.3258, 0.3369



41.5110, 0.3339, 0.2894



19.1689, 0.3284, 0.3385



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.



47.9789, 0.3595, 0.3550



70.0147, 0.3712, 0.3605



59.2387, 0.3522, 0.3849



12.5664, 0.3281, 0.3383



12.3410, 0.5695, 0.3860



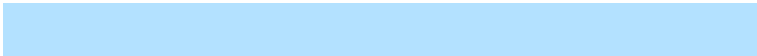
0.8432, 0.5358, 0.4128

Inverse Universe

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



48.2049, 0.2734, 0.3014



70.4135, 0.2655, 0.2951



38.0696, 0.2703, 0.2662



12.5875, 0.2983, 0.3196



12.2553, 0.1874, 0.1945



0.8379, 0.1950, 0.2219

Previews

White Background



This preview shows how the Yxy color 47.9767, 0.3595, 0.3550 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 47.9767, 0.3595, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

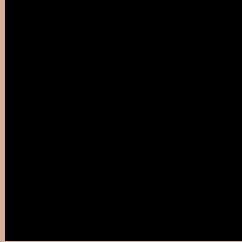
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9767, 0.3595, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 47.9767, 0.3595, 0.3550.



This preview shows how white text looks on a background with the Yxy color 47.9767, 0.3595, 0.3550.

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

47.9767, 0.3595, 0.3550

Protanopia

48.1565, 0.3399, 0.3599

Deuteranopia

47.8757, 0.3616, 0.3536



Tritanopia

48.1561, 0.3375, 0.3136

Trichromacy



Original Color

47.9767, 0.3595, 0.3550

Protanomaly

48.1012, 0.3466, 0.3582

Deuteranomaly

47.7275, 0.3607, 0.3537

Tritanomaly

47.9407, 0.3461, 0.3279

Monochromacy



Original Color

47.9767, 0.3595, 0.3550

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0204, 0.3287, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9767, 0.3595, 0.3550 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(210, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(210, 178, 157)  
}
```

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(210, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 178, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.9767, 0.3595, 0.3550 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(210, 178, 157) }
```

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

```
.border{ border-color:rgb(210, 178, 157) }
```

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

Here you see how a box with a 4 pixel rgb(210, 178, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(210, 178,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9767, 0.3595, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 178, 157) }
```

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

```
.background{ background-color: rgb(210,  
178, 157) }
```

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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