

Converting Colors

$Yxy(47.8416, 0.3625, 0.3548)$

Have a look what the booklet for
Yxy(47.8416, 0.3625, 0.3548)
contains.

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Color

Yxy(47.8416, 0.3625, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	D4B19C
RGB	212, 177, 156
RGB Percent	83%, 69%, 61%
CMY	0.1685, 0.3059, 0.3882
CMYK	0.00, 0.17, 0.26, 0.17
HSL	22°, 39%, 72%
HSV	22°, 26%, 83%
XYZ	48.8799, 47.8416, 38.1196
YIQ	185.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

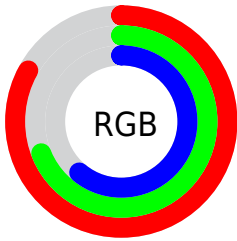
Format	Color
R_{YB}	212, 190, 156
Decimal	13939100
CIE _{Lab}	74.72, 9.53, 15.46
CIE _{LCh}	75, 18.167, 58.342
Yxy	47.8416, 0.3625, 0.3548
Android (android.graphics.Color)	4292129180 (0xFFD4B19C)
YUV	185.0710, -14.3320, 23.6167
Hunter-Lab	69.1676, 5.1003, 15.7415

Details

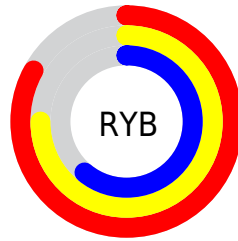
The Yxy color **47.8416, 0.3625, 0.3548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1061, 0.2718, 0.3016**, and the grayscale version is **48.6298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2410, 0.3423, 0.3511**, and **22.6033, 0.3771, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **42.2005, 0.3871, 0.3651**, and if you desaturate by 10%, it is **54.1215, 0.3412, 0.3446**.

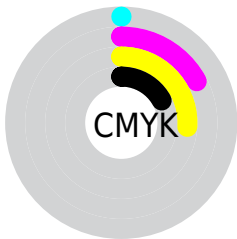
Distribution



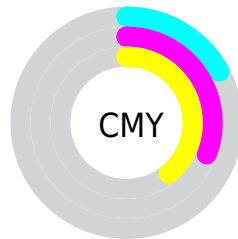
- Red (83%)
- Green (69%)
- Blue (61%)



- Red (83%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (17%)




- Cyan (17%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8416, 0.3625, 0.3548 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 47.8416, 0.3625, 0.3548 by changing the saturation by 10% instead.

 47.8416, 0.3625,
0.3548

 47.8416, 0.3625,
0.3548

378.1639, 0.3376,
0.3424

 33.7015, 0.3687,
0.3577


 86.9685, 0.3534,
0.3504

 22.6644, 0.3767,
0.3614


 112.7241, 0.3500,
0.3487

 14.3459, 0.3873,
0.3660


143.1203, 0.3471,
0.3473

 8.3616, 0.4019,
0.3721

178.5414, 0.3447,
0.3461

 4.3272, 0.4235,
0.3802

219.3720, 0.3425,
0.3450

 1.8582, 0.4602,
0.3930

265.9963, 0.3407,

 0.5231, 0.5825,

0.3440

0.4175

318.7988, 0.3390,
0.3432

0.0000, 0.0000,
0.0000

47.8416, 0.3625,
0.3548

47.8416, 0.3625,
0.3548

42.2005, 0.3871,
0.3651

54.1215, 0.3412,
0.3446

37.1707, 0.4151,
0.3749

61.0537, 0.3230,
0.3349

32.7322, 0.4462,
0.3835

68.6591, 0.3074,
0.3258

28.8613, 0.4794,
0.3897

76.9561, 0.2941,
0.3174

25.5323, 0.5128,
0.3922

85.5008, 0.2866,
0.3168

■ 22.7172, 0.5438,
0.3898

■ 92.7401, 0.2872,
0.3289

■ 20.3839, 0.5698,
0.3823

■ 19.6517, 0.5783,
0.3790

Harmonies

Analogous

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



47.8416, 0.3584, 0.3344



47.8416, 0.3625, 0.3548



47.8416, 0.3526, 0.3695

Triad

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



47.8416, 0.3625, 0.3548



47.8416, 0.2840, 0.3446



47.8416, 0.2922, 0.2880

Complementary

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



47.8416, 0.3625, 0.3548



49.1061, 0.2718, 0.3016

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.



47.8416, 0.2736, 0.2890



47.8416, 0.3625, 0.3548



47.8416, 0.2690, 0.3208

Square

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



47.8416, 0.3625, 0.3548



47.8416, 0.3069, 0.3645



47.8416, 0.2653, 0.3005



47.8416, 0.3170, 0.2969

Rectangle

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



47.8416, 0.3625, 0.3548



47.8416, 0.3398, 0.3736



47.8416, 0.2653, 0.3005



47.8416, 0.2850, 0.2871

Sweetspot

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



47.8438, 0.3625, 0.3548



90.8828, 0.3258, 0.3365



41.5673, 0.3343, 0.2864



19.1017, 0.3285, 0.3380



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.



47.8438, 0.3625, 0.3548



67.4610, 0.3767, 0.3609



59.8505, 0.3544, 0.3865



13.1753, 0.3282, 0.3378



12.3070, 0.5757, 0.3811



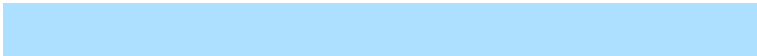
0.8988, 0.5432, 0.4069

Inverse Universe

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



49.1061, 0.2718, 0.3016



69.6962, 0.2626, 0.2945



38.1926, 0.2682, 0.2641



13.2898, 0.2982, 0.3201



13.4203, 0.1895, 0.2022



0.9661, 0.1963, 0.2265

Previews

White Background



This preview shows how the Yxy color 47.8416, 0.3625, 0.3548 looks on a white background.

Color Contrast Check

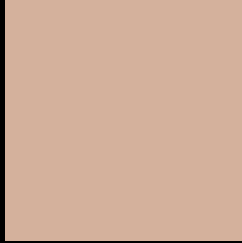
Large Text (above 18pt) WCAG AA × Fail

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 47.8416, 0.3625, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

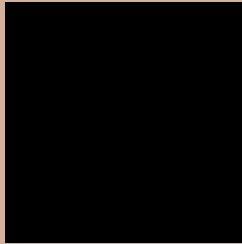
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8416, 0.3625, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 47.8416, 0.3625, 0.3548.



This preview shows how white text looks on a background with the Yxy color 47.8416, 0.3625, 0.3548.

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

47.8416, 0.3625, 0.3548

Protanopia

48.1216, 0.3407, 0.3612

Deuteranopia

47.8416, 0.3625, 0.3548



Tritanopia

47.8794, 0.3395, 0.3136

Trichromacy



Original Color

47.8416, 0.3625, 0.3548

Protanomaly

47.7957, 0.3486, 0.3582

Deuteranomaly

47.8416, 0.3625, 0.3548

Tritanomaly

47.6634, 0.3481, 0.3279

Monochromacy



Original Color

47.8416, 0.3625, 0.3548

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1140, 0.3304, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8416, 0.3625, 0.3548 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(212, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 156)  
}
```

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(212, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 156) }
```

Border

The CSS property to change the border of an element to Yxy 47.8416, 0.3625, 0.3548 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(212, 177, 156) }
```

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

```
.border{ border-color:rgb(212, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8416, 0.3625, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 156) }
```

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

```
.background{ background-color: rgb(212,  
177, 156) }
```

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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