

Converting Colors

$Yxy(47.0866, 0.3758, 0.3566)$

Have a look what the booklet for
Yxy(47.0866, 0.3758, 0.3566)
contains.

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Color

Yxy(47.1492, 0.3758, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	DBAD96
RGB	219, 173, 150
RGB Percent	86%, 68%, 59%
CMY	0.1412, 0.3215, 0.4118
CMYK	0.00, 0.21, 0.32, 0.14
HSL	20°, 49%, 72%
HSV	20°, 32%, 86%
XYZ	49.6599, 47.1492, 35.3355
YIQ	184.1320, 34.7990, 2.5990

Conversions

Conversions Part 2

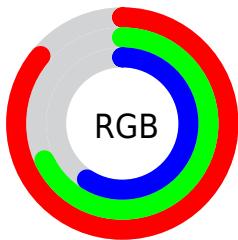
Format	Color
R _Y B	219, 185, 150
Decimal	14396822
CIE Lab	74.29, 13.55, 18.22
CIE LCh	74, 22.709, 53.367
Yxy	47.1492, 0.3758, 0.3568
Android (android.graphics.Color)	4292586902 (0xFFDBAD96)
YUV	184.1320, -16.8271, 30.5792
Hunter-Lab	68.6653, 8.9301, 17.5548

Details

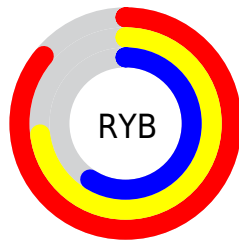
The Yxy color $47.1492, 0.3758, 0.3568$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.0686, 0.2643, 0.2992$, and the grayscale version is $48.0906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1064, 0.3480, 0.3533$, and $22.3621, 0.3940, 0.3642$ is the 20% darker color. If you saturate the color by 10%, you get $41.2152, 0.4031, 0.3659$, and if you desaturate by 10%, it is $53.8310, 0.3522, 0.3476$.

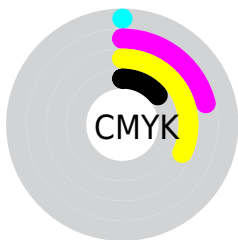
Distribution



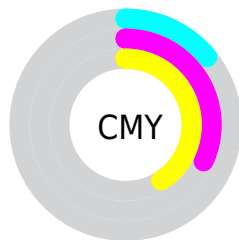
- Red (86%)
- Green (68%)
- Blue (59%)



- Red (86%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (14%)




- Cyan (14%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1492, 0.3758, 0.3568 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 47.1492, 0.3758, 0.3568 by changing the saturation by 10% instead.


 47.1492, 0.3758,
0.3568


 47.1492, 0.3758,
0.3568


375.4098, 0.3441,
0.3437

 33.1536, 0.3837,
0.3598


 85.9363, 0.3643,
0.3522

 22.2442, 0.3939,
0.3634


 111.4966, 0.3599,
0.3505

 14.0364, 0.4073,
0.3680


141.6806, 0.3563,
0.3490

 8.1460, 0.4260,
0.3736

176.8727, 0.3531,
0.3476

 4.1885, 0.4532,
0.3805

217.4572, 0.3504,
0.3465

 1.7796, 0.5053,
0.3953

263.8187, 0.3480,

 0.4744, 0.6223,

0.3454

0.3777

316.3414, 0.3459,
0.3445

0.0000, 0.0000,
0.0000

47.1492, 0.3758,
0.3568

47.1492, 0.3758,
0.3568

41.2152, 0.4031,
0.3659

53.8310, 0.3522,
0.3476

35.9953, 0.4342,
0.3742

61.2793, 0.3321,
0.3387

31.4632, 0.4683,
0.3807

69.5207, 0.3150,
0.3302

27.5880, 0.5039,
0.3842

78.5781, 0.3006,
0.3224

24.3363, 0.5384,
0.3836

88.1810, 0.2908,
0.3197

■ 21.6708, 0.5687,
0.3779

■ 93.7989, 0.2911,
0.3289

■ 19.8294, 0.5896,
0.3700

Harmonies

Analogous

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



47.1492, 0.3678, 0.3309



47.1492, 0.3758, 0.3568



47.1492, 0.3659, 0.3773

Triad

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



47.1492, 0.3758, 0.3568



47.1492, 0.2808, 0.3534



47.1492, 0.2823, 0.2774

Complementary

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



47.1492, 0.3758, 0.3568



51.0686, 0.2643, 0.2992

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.



47.1492, 0.2612, 0.2805



47.1492, 0.3758, 0.3568



47.1492, 0.2604, 0.3231

Square

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



47.1492, 0.3758, 0.3568



47.1492, 0.3104, 0.3771



47.1492, 0.2534, 0.2965



47.1492, 0.3125, 0.2866

Rectangle

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



47.1492, 0.3758, 0.3568



47.1492, 0.3509, 0.3846



47.1492, 0.2534, 0.2965



47.1492, 0.2740, 0.2769

Sweetspot

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



47.1514, 0.3758, 0.3568



89.2354, 0.3277, 0.3366



40.8557, 0.3375, 0.2753



18.7464, 0.3303, 0.3378



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.



47.1514, 0.3758, 0.3568



60.7410, 0.3940, 0.3630



62.1257, 0.3638, 0.3954



13.7576, 0.3283, 0.3369



11.9394, 0.5869, 0.3722



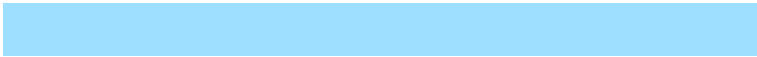
0.9290, 0.5551, 0.3974

Inverse Universe

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



51.0686, 0.2643, 0.2992



67.1040, 0.2542, 0.2917



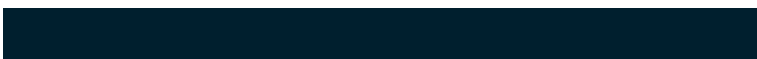
37.2612, 0.2587, 0.2524



14.0597, 0.2982, 0.3210



15.4234, 0.1935, 0.2167



1.1552, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 47.1492, 0.3758, 0.3568 looks on a white background.

Color Contrast Check

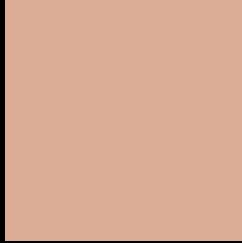
Large Text (above 18pt) WCAG AA × Fail

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 47.1492, 0.3758, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

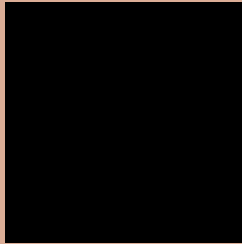
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1492, 0.3758, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 47.1492, 0.3758, 0.3568.



This preview shows how white text looks on a background with the Yxy color 47.1492, 0.3758, 0.3568.

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

47.1492, 0.3758, 0.3568

Protanopia

47.1599, 0.3445, 0.3640

Deuteranopia

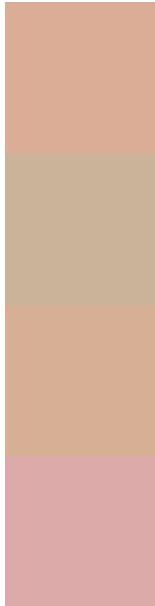
47.2176, 0.3691, 0.3623



Tritanopia

46.8711, 0.3513, 0.3139

Trichromacy



Original Color

47.1492, 0.3758, 0.3568

Protanomaly

47.0967, 0.3553, 0.3620

Deuteranomaly

47.2769, 0.3722, 0.3608

Tritanomaly

47.0239, 0.3601, 0.3291

Monochromacy



Original Color

47.1492, 0.3758, 0.3568

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4914, 0.3342, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1492, 0.3758, 0.3568 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(219, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 150)  
}
```

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(219, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.1492, 0.3758, 0.3568 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(219, 173, 150) }
```

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

```
.border{ border-color:rgb(219, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1492, 0.3758, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 150) }
```

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

```
.background{ background-color: rgb(219,  
173, 150) }
```

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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