

Converting Colors

$Yxy(46.6407, 0.3913, 0.3771)$

Have a look what the booklet for
Yxy(46.6407, 0.3913, 0.3771)
contains.

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Color

Yxy(46.6407, 0.3913, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	DBAD85
RGB	219, 173, 133
RGB Percent	86%, 68%, 52%
CMY	0.1411, 0.3216, 0.4784
CMYK	0.00, 0.21, 0.39, 0.14
HSL	28°, 54%, 69%
HSV	28°, 39%, 86%
XYZ	48.3970, 46.6407, 28.6449
YIQ	182.1940, 40.2560, -2.6880

Conversions

Conversions Part 2

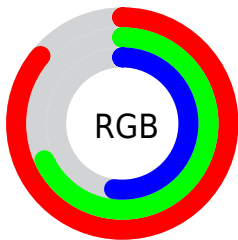
Format	Color
R _Y B	219, 208, 133
Decimal	14396805
CIE Lab	73.96, 11.51, 26.95
CIE LCh	74, 29.306, 66.872
Yxy	46.6407, 0.3913, 0.3771
Android (android.graphics.Color)	4292586885 (0xFFDBAD85)
YUV	182.1940, -24.2526, 32.2789
Hunter-Lab	68.2940, 6.9807, 22.9375

Details

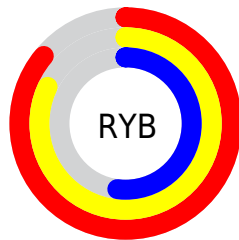
The Yxy color **46.6407, 0.3913, 0.3771** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3600, 0.2504, 0.2748**, and the grayscale version is **47.0111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2920, 0.3604, 0.3717**, and **21.9807, 0.4125, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **41.7996, 0.4177, 0.3890**, and if you desaturate by 10%, it is **52.0068, 0.3674, 0.3645**.

Distribution



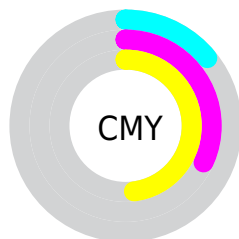
- Red (86%)
- Green (68%)
- Blue (52%)



- Red (86%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6407, 0.3913, 0.3771 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 46.6407, 0.3913, 0.3771 by changing the saturation by 10% instead.


 46.6407, 0.3913,
0.3771

 46.6407, 0.3913,
0.3771


373.3785, 0.3520,
0.3543


 32.7517, 0.4010,
0.3823


 85.1771, 0.3771,
0.3692

 21.9363, 0.4133,
0.3886


 110.5932, 0.3717,
0.3661

 13.8101, 0.4293,
0.3963


 140.6205, 0.3672,
0.3634

 7.9887, 0.4509,
0.4058

175.6434, 0.3633,
0.3611

 4.0877, 0.4809,
0.4167

216.0463, 0.3599,
0.3591

 1.7228, 0.5512,
0.4488

262.2135, 0.3569,

 0.4383, 0.6141,

0.3573

0.3859

314.5294, 0.3543,
0.3557

0.0000, 0.0000,
0.0000

46.6407, 0.3913,
0.3771

46.6407, 0.3913,
0.3771

41.7996, 0.4177,
0.3890

52.0068, 0.3674,
0.3645

37.4589, 0.4461,
0.3991

57.9083, 0.3462,
0.3519

33.6015, 0.4754,
0.4064

64.3634, 0.3277,
0.3397

30.2065, 0.5039,
0.4094

71.3874, 0.3116,
0.3282

27.2505, 0.5296,
0.4072

78.9949, 0.2977,
0.3175

■ 24.7021, 0.5512,
0.3999

■ 86.5780, 0.2908,
0.3170

■ 24.5305, 0.5527,
0.3993

■ 93.8042, 0.2912,
0.3289

Harmonies

Analogous

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



46.6407, 0.3919, 0.3457



46.6407, 0.3913, 0.3771



46.6407, 0.3687, 0.3986

Triad

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



46.6407, 0.3913, 0.3771



46.6407, 0.2579, 0.3429



46.6407, 0.2898, 0.2669

Complementary

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



46.6407, 0.3913, 0.3771



42.3600, 0.2504, 0.2748

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.



46.6407, 0.2570, 0.2631



46.6407, 0.3913, 0.3771



46.6407, 0.2395, 0.3039

Square

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



46.6407, 0.3913, 0.3771



46.6407, 0.2912, 0.3803



46.6407, 0.2393, 0.2756



46.6407, 0.3310, 0.2847

Rectangle

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



46.6407, 0.3913, 0.3771



46.6407, 0.3450, 0.4029



46.6407, 0.2393, 0.2756



46.6407, 0.2775, 0.2639

Sweetspot

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



46.6429, 0.3913, 0.3771



88.1769, 0.3327, 0.3431



35.1501, 0.3564, 0.2730



18.6132, 0.3351, 0.3447



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.



46.6429, 0.3913, 0.3771



60.2151, 0.4126, 0.3869



65.2191, 0.3730, 0.4217



14.0442, 0.3280, 0.3399



14.7562, 0.5503, 0.4013



1.1273, 0.5235, 0.4225

Inverse Universe

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



42.3600, 0.2504, 0.2748



53.3627, 0.2377, 0.2612



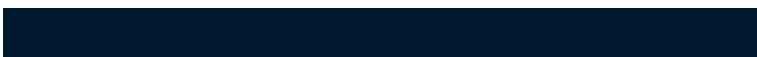
28.0828, 0.2413, 0.2155



13.7654, 0.2982, 0.3179



10.8254, 0.1807, 0.1704



0.8732, 0.1884, 0.1984

Previews

White Background



This preview shows how the Yxy color 46.6407, 0.3913, 0.3771 looks on a white background.

Color Contrast Check

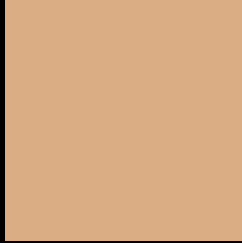
Large Text (above 18pt) WCAG AA × Fail

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 46.6407, 0.3913, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

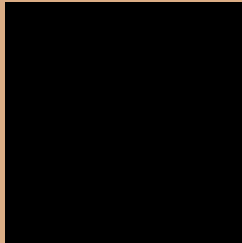
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6407, 0.3913, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 46.6407, 0.3913, 0.3771.



This preview shows how white text looks on a background with the Yxy color 46.6407, 0.3913, 0.3771.

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

46.6407, 0.3913, 0.3771

Protanopia

46.8641, 0.3615, 0.3872

Deuteranopia

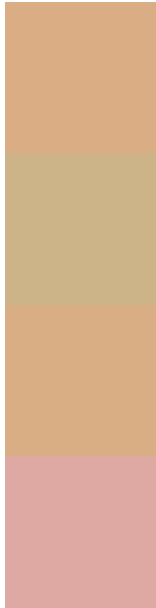
46.5645, 0.3880, 0.3788



Tritanopia

46.7800, 0.3543, 0.3140

Trichromacy



Original Color

46.6407, 0.3913, 0.3771

Protanomaly

46.8551, 0.3719, 0.3832

Deuteranomaly

46.7173, 0.3889, 0.3786

Tritanomaly

46.5499, 0.3679, 0.3363

Monochromacy



Original Color

46.6407, 0.3913, 0.3771

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5226, 0.3394, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6407, 0.3913, 0.3771 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 133) }
```

Border

The CSS property to change the border of an element to Yxy 46.6407, 0.3913, 0.3771 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, 133) }
```

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

```
.border{ border-color:rgb(219, 173, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6407, 0.3913, 0.3771 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, 133) }
```

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

```
.background{ background-color: rgb(219,  
173, 133) }
```

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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