

Converting Colors

$Yxy(48.5388, 0.3722, 0.3795)$

Have a look what the booklet for
Yxy(48.5388, 0.3722, 0.3795)
contains.

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Color

Yxy(48.4965, 0.3723, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	D1B58C
RGB	209, 181, 140
RGB Percent	82%, 71%, 55%
CMY	0.1804, 0.2902, 0.4509
CMYK	0.00, 0.13, 0.33, 0.18
HSL	36°, 43%, 68%
HSV	36°, 33%, 82%
XYZ	47.5513, 48.4965, 31.6754
YIQ	184.6980, 29.8490, -6.8150

Conversions

Conversions Part 2

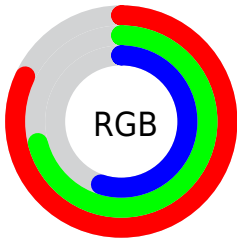
Format	Color
RYB	187, 209, 140
Decimal	13743500
CIELab	75.14, 4.10, 24.61
CIELCh	75, 24.951, 80.552
Yxy	48.4965, 0.3723, 0.3797
Android (android.graphics.Color)	4291933580 (0xFFD1B58C)
YUV	184.6980, -22.0361, 21.3129
Hunter-Lab	69.6394, 0.0148, 21.7797

Details

The Yxy color **48.4965, 0.3723, 0.3797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1897, 0.2590, 0.2722**, and the grayscale version is **48.4531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7234, 0.3529, 0.3722**, and **22.9488, 0.3877, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **44.5949, 0.3942, 0.3952**, and if you desaturate by 10%, it is **52.7296, 0.3521, 0.3638**.

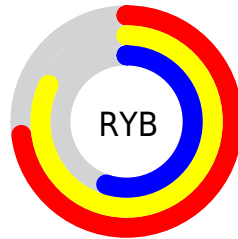
Distribution



Red (82%)

Green (71%)

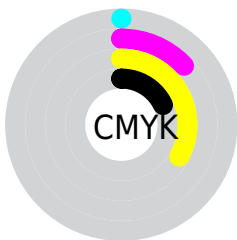
Blue (55%)



Red (73%)

Yellow (82%)

Blue (55%)

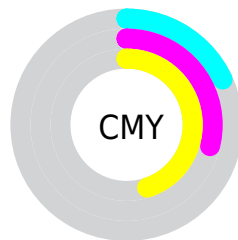


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (29%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4965, 0.3723, 0.3797 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 48.4965, 0.3723, 0.3797 by changing the saturation by 10% instead.

 48.4965, 0.3723,
0.3797


 48.4965, 0.3723,
0.3797


380.7568, 0.3428,
0.3550


 34.2202, 0.3795,
0.3856


 87.9432, 0.3617,
0.3709

 23.0628, 0.3886,
0.3929


 113.8824, 0.3577,
0.3676

 14.6399, 0.4005,
0.4023


 144.4781, 0.3542,
0.3647

 8.5671, 0.4164,
0.4145

180.1145, 0.3513,
0.3622

 4.4599, 0.4385,
0.4308

221.1763, 0.3488,
0.3601

 1.9340, 0.4968,
0.4776

268.0476, 0.3465,

 0.5687, 0.5297,

0.3582

0.4703

321.1130, 0.3445,
0.3565

0.0000, 0.0000,
0.0000

48.4965, 0.3723,
0.3797

48.4965, 0.3723,
0.3797

44.5949, 0.3942,
0.3952

52.7296, 0.3521,
0.3638

41.0077, 0.4174,
0.4096

57.2973, 0.3337,
0.3483

37.7261, 0.4410,
0.4217

62.2109, 0.3173,
0.3333


34.7380, 0.4641,
0.4303


67.4792, 0.3027,
0.3193


32.0299, 0.4852,
0.4344


73.1107, 0.2898,
0.3062


 29.5862, 0.5033,
0.4332

 78.4239, 0.2842,
0.3046

 28.0165, 0.5143,
0.4298

 83.3108, 0.2847,
0.3136

 88.4313, 0.2851,
0.3226

 92.2938, 0.2855,
0.3289

Harmonies

Analogous

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



48.4965, 0.3815, 0.3564



48.4965, 0.3723, 0.3797



48.4965, 0.3470, 0.3906

Triad

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



48.4965, 0.3723, 0.3797



48.4965, 0.2574, 0.3255



48.4965, 0.3091, 0.2817

Complementary

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



48.4965, 0.3723, 0.3797



38.1897, 0.2590, 0.2722

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.



48.4965, 0.2770, 0.2728



48.4965, 0.3723, 0.3797



48.4965, 0.2485, 0.2958

Square

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



48.4965, 0.3723, 0.3797



48.4965, 0.2807, 0.3586



48.4965, 0.2554, 0.2773



48.4965, 0.3439, 0.3015

Rectangle

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



48.4965, 0.3723, 0.3797



48.4965, 0.3249, 0.3879



48.4965, 0.2554, 0.2773



48.4965, 0.2976, 0.2774

Sweetspot

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



48.4987, 0.3723, 0.3797



92.0401, 0.3288, 0.3439



35.1736, 0.3570, 0.2933



19.4706, 0.3312, 0.3460



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.



48.4987, 0.3723, 0.3797



71.4568, 0.3885, 0.3914



60.2209, 0.3574, 0.4121



12.9594, 0.3276, 0.3428



17.4740, 0.5126, 0.4312



1.1307, 0.4910, 0.4484

Inverse Universe

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



38.1897, 0.2590, 0.2722



52.7489, 0.2461, 0.2568



29.4574, 0.2587, 0.2330



12.1940, 0.2982, 0.3148



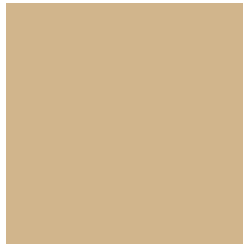
7.0078, 0.1692, 0.1292



0.5459, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 48.4965, 0.3723, 0.3797 looks on a white background.

Color Contrast Check

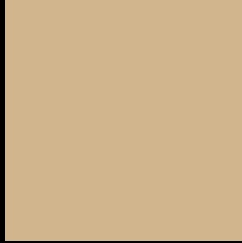
Large Text (above 18pt) WCAG AA × Fail

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 48.4965, 0.3723, 0.3797 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 48.4965, 0.3723, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 48.4965, 0.3723, 0.3797.



This preview shows how white text looks on a background with the Yxy color 48.4965, 0.3723, 0.3797.

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

48.4965, 0.3723, 0.3797

Protanopia

48.6567, 0.3591, 0.3838

Deuteranopia

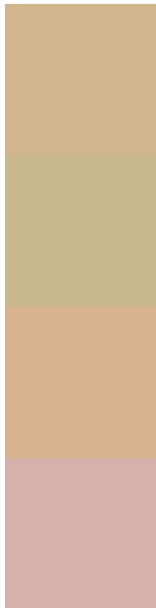
48.6693, 0.3810, 0.3736



Tritanopia

48.5869, 0.3365, 0.3136

Trichromacy



Original Color

48.4965, 0.3723, 0.3797

Protanomaly

48.7606, 0.3639, 0.3832

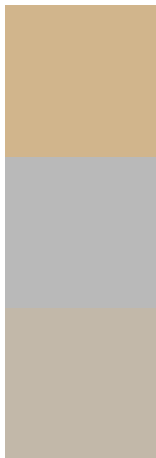
Deuteranomaly

48.6104, 0.3778, 0.3752

Tritanomaly

48.3816, 0.3492, 0.3364

Monochromacy



Original Color

48.4965, 0.3723, 0.3797

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6149, 0.3334, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4965, 0.3723, 0.3797 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(209, 181, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 181, 140)  
}
```

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(209, 181, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 181, 140) }
```

Border

The CSS property to change the border of an element to Yxy 48.4965, 0.3723, 0.3797 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(209, 181, 140) }
```

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

```
.border{ border-color:rgb(209, 181, 140) }
```

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

Here you see how a box with a 4 pixel rgb(209, 181, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 181, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 181, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 181,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4965, 0.3723, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 181, 140) }
```

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

```
.background{ background-color: rgb(209,  
181, 140) }
```

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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