

Converting Colors

$Yxy(48.4358, 0.3783, 0.3887)$

Have a look what the booklet for
Yxy(48.4358, 0.3783, 0.3887)
contains.

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Color

Yxy(48.2965, 0.3783, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	D1B585
RGB	209, 181, 133
RGB Percent	82%, 71%, 52%
CMY	0.1804, 0.2902, 0.4785
CMYK	0.00, 0.13, 0.36, 0.18
HSL	38°, 45%, 67%
HSV	38°, 36%, 82%
XYZ	47.0527, 48.2965, 29.0301
YIQ	183.9000, 32.0960, -8.9920

Conversions

Conversions Part 2

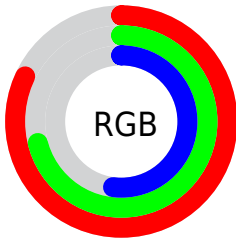
Format	Color
RYB	177, 209, 133
Decimal	13743493
CIELab	75.01, 3.24, 28.19
CIELCh	75, 28.378, 83.436
Yxy	48.2965, 0.3783, 0.3883
Android (android.graphics.Color)	4291933573 (0xFFD1B585)
YUV	183.9000, -25.0937, 22.0127
Hunter-Lab	69.4957, -0.7623, 23.8800

Details

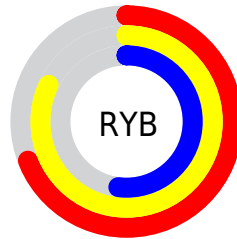
The Yxy color **48.2965, 0.3783, 0.3883** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0783, 0.2526, 0.2612**, and the grayscale version is **48.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4162, 0.3575, 0.3793**, and **22.8352, 0.3956, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **44.7321, 0.3998, 0.4044**, and if you desaturate by 10%, it is **52.1534, 0.3581, 0.3716**.

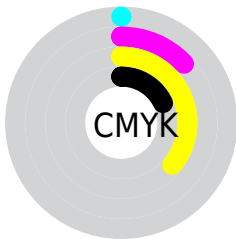
Distribution



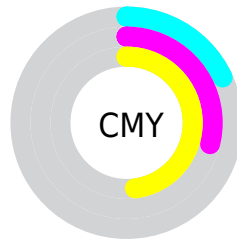
- Red (82%)
- Green (71%)
- Blue (52%)



- Red (69%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2965, 0.3783, 0.3883 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 48.2965, 0.3783, 0.3883 by changing the saturation by 10% instead.


 48.2965, 0.3783,
0.3883


 48.2965, 0.3783,
0.3883


379.9662, 0.3459,
0.3595


 34.0618, 0.3861,
0.3951


 87.6457, 0.3667,
0.3781

 22.9410, 0.3960,
0.4036


 113.5289, 0.3623,
0.3742

 14.5500, 0.4086,
0.4144


 144.0638, 0.3585,
0.3708

 8.5042, 0.4254,
0.4283

179.6347, 0.3553,
0.3679

 4.4192, 0.4480,
0.4463

220.6259, 0.3525,
0.3654

 1.9107, 0.5053,
0.4947

267.4220, 0.3500,

 0.5548, 0.5223,

0.3632

0.4777

320.4073, 0.3479,
0.3612

0.0000, 0.0000,
0.0000

48.2965, 0.3783,
0.3883

48.2965, 0.3783,
0.3883

44.7321, 0.3998,
0.4044

52.1534, 0.3581,
0.3716

41.4438, 0.4220,
0.4189

56.3051, 0.3394,
0.3549

38.4235, 0.4441,
0.4307

60.7622, 0.3226,
0.3388

35.6596, 0.4649,
0.4386

65.5329, 0.3074,
0.3236

33.1393, 0.4834,
0.4418

70.6247, 0.2939,
0.3093

■ 30.8468, 0.4986,
0.4397

■ 75.8242, 0.2839,
0.2995

■ 30.0613, 0.5037,
0.4383

■ 80.1357, 0.2843,
0.3078

■ 84.6380, 0.2848,
0.3160

■ 89.3335, 0.2852,
0.3241

Harmonies

Analogous

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



48.2965, 0.3910, 0.3625



48.2965, 0.3783, 0.3883



48.2965, 0.3480, 0.3996

Triad

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



48.2965, 0.3783, 0.3883



48.2965, 0.2483, 0.3211



48.2965, 0.3122, 0.2773

Complementary

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



48.2965, 0.3783, 0.3883



35.0783, 0.2526, 0.2612

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.



48.2965, 0.2752, 0.2659



48.2965, 0.3783, 0.3883



48.2965, 0.2401, 0.2883

Square

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



48.2965, 0.3783, 0.3883



48.2965, 0.2731, 0.3594



48.2965, 0.2496, 0.2692



48.2965, 0.3517, 0.3005

Rectangle

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



48.2965, 0.3783, 0.3883



48.2965, 0.3225, 0.3954



48.2965, 0.2496, 0.2692



48.2965, 0.2991, 0.2720

Sweetspot

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



48.2987, 0.3783, 0.3883



91.9066, 0.3304, 0.3464



32.9431, 0.3661, 0.2926



19.4673, 0.3327, 0.3486



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.



48.2987, 0.3783, 0.3883



71.1618, 0.3957, 0.4015



59.5950, 0.3597, 0.4212



13.0349, 0.3275, 0.3437



18.7279, 0.5021, 0.4395



1.1959, 0.4831, 0.4546

Inverse Universe

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



35.0783, 0.2526, 0.2612



47.3781, 0.2383, 0.2427



27.1161, 0.2542, 0.2221



12.1208, 0.2982, 0.3139



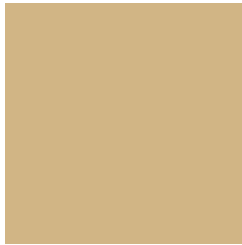
6.2836, 0.1663, 0.1185



0.5012, 0.1766, 0.1559

Previews

White Background



This preview shows how the Yxy color 48.2965, 0.3783, 0.3883 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 48.2965, 0.3783, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

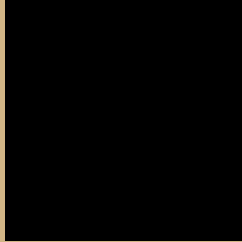
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2965, 0.3783, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 48.2965, 0.3783, 0.3883.



This preview shows how white text looks on a background with the Yxy color 48.2965, 0.3783, 0.3883.

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

48.2965, 0.3783, 0.3883

Protanopia

48.5893, 0.3658, 0.3925

Deuteranopia

48.2256, 0.3885, 0.3805



Tritanopia

48.3070, 0.3384, 0.3136

Trichromacy



Original Color

48.2965, 0.3783, 0.3883

Protanomaly

48.6987, 0.3707, 0.3918

Deuteranomaly

48.0091, 0.3843, 0.3824

Tritanomaly

48.3804, 0.3536, 0.3413

Monochromacy



Original Color

48.2965, 0.3783, 0.3883

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9210, 0.3360, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2965, 0.3783, 0.3883 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(209, 181, 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(209, 181, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 181, 133) }
```

Border

The CSS property to change the border of an element to Yxy 48.2965, 0.3783, 0.3883 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, 133) }
```

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

```
.border{ border-color:rgb(209, 181, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 181, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 181, 133); box-shadow:4px 4px 4px 4px rgb(209, 181, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2965, 0.3783, 0.3883 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, 133) }
```

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

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