

Converting Colors

$Yxy(48.7942, 0.3994, 0.3853)$

Have a look what the booklet for
Yxy(48.7942, 0.3994, 0.3853)
contains.

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Color

Yxy(48.6167, 0.3998, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	E1B080
RGB	225, 176, 128
RGB Percent	88%, 69%, 50%
CMY	0.1177, 0.3098, 0.4979
CMYK	0.00, 0.22, 0.43, 0.12
HSL	30°, 62%, 69%
HSV	30°, 43%, 88%
XYZ	50.4725, 48.6167, 27.1552
YIQ	185.1790, 44.6120, -4.5400

Conversions

Conversions Part 2

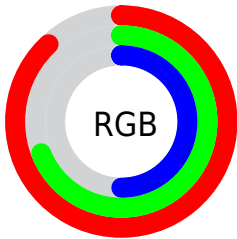
Format	Color
R_{YB}	225, 223, 128
Decimal	14790784
CIE _{Lab}	75.21, 11.74, 31.37
CIE _{LCh}	75, 33.496, 69.485
Yxy	48.6167, 0.3998, 0.3851
Android (android.graphics.Color)	4292980864 (0xFFE1B080)
YUV	185.1790, -28.1892, 34.9230
Hunter-Lab	69.7257, 7.1913, 25.7171

Details

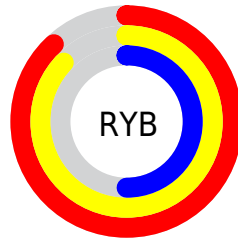
The Yxy color **48.6167, 0.3998, 0.3851** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.4767, 0.2436, 0.2643**, and the grayscale version is **48.7640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3094, 0.3628, 0.3807**, and **23.2902, 0.4233, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **43.8180, 0.4262, 0.3972**, and if you desaturate by 10%, it is **53.9246, 0.3755, 0.3719**.

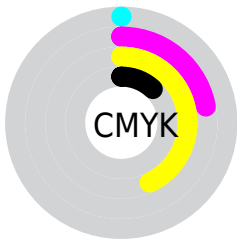
Distribution



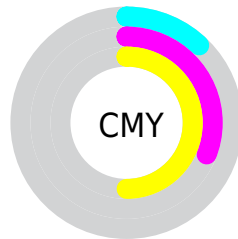
- Red (88%)
- Green (69%)
- Blue (50%)



- Red (88%)
- Yellow (87%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6167, 0.3998, 0.3851 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 48.6167, 0.3998, 0.3851 by changing the saturation by 10% instead.


 48.6167, 0.3998,
0.3851


 48.6167, 0.3998,
0.3851

381.2314, 0.3567,
0.3589


 34.3155, 0.4102,
0.3909


 88.1219, 0.3843,
0.3761

 23.1361, 0.4233,
0.3979


 114.0947, 0.3785,
0.3725

 14.6940, 0.4401,
0.4063


 144.7269, 0.3735,
0.3695

 8.6049, 0.4622,
0.4163

180.4027, 0.3692,
0.3668

 4.4844, 0.4921,
0.4273

221.5067, 0.3654,
0.3644

 1.9481, 0.5499,
0.4501

268.4232, 0.3622,

 0.5770, 0.5913,

0.3624

0.4087

321.5367, 0.3593,
0.3605

0.0000, 0.0000,
0.0000

48.6167, 0.3998,
0.3851

48.6167, 0.3998,
0.3851

43.8180, 0.4262,
0.3972

53.9246, 0.3755,
0.3719

39.5037, 0.4539,
0.4071

59.7516, 0.3537,
0.3585

35.6569, 0.4817,
0.4135

66.1158, 0.3344,
0.3453

32.2562, 0.5078,
0.4152

73.0323, 0.3175,
0.3327

29.2778, 0.5305,
0.4114

80.5153, 0.3028,
0.3210

■ 27.4470, 0.5441,
0.4062

■ 88.0511, 0.2944,
0.3180

■ 94.7462, 0.2946,
0.3289

Harmonies

Analogous

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



48.6167, 0.4031, 0.3504



48.6167, 0.3998, 0.3851



48.6167, 0.3722, 0.4086

Triad

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



48.6167, 0.3998, 0.3851



48.6167, 0.2486, 0.3404



48.6167, 0.2905, 0.2609

Complementary

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



48.6167, 0.3998, 0.3851



41.4767, 0.2436, 0.2643

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.



48.6167, 0.2528, 0.2551



48.6167, 0.3998, 0.3851



48.6167, 0.2301, 0.2968

Square

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



48.6167, 0.3998, 0.3851



48.6167, 0.2845, 0.3841



48.6167, 0.2316, 0.2669



48.6167, 0.3373, 0.2819

Rectangle

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



48.6167, 0.3998, 0.3851



48.6167, 0.3448, 0.4125



48.6167, 0.2316, 0.2669



48.6167, 0.2765, 0.2571

Sweetspot

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



48.6190, 0.3998, 0.3851



87.8224, 0.3344, 0.3453



34.6715, 0.3661, 0.2711



18.3820, 0.3385, 0.3482



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.



48.6190, 0.3998, 0.3851



58.6467, 0.4242, 0.3964



70.5419, 0.3774, 0.4333



14.8151, 0.3280, 0.3406



16.0508, 0.5417, 0.4081



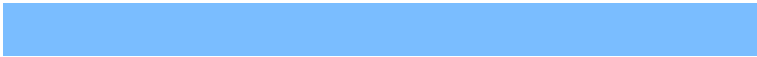
1.2916, 0.5179, 0.4270

Inverse Universe

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



41.4767, 0.2436, 0.2643



47.9491, 0.2291, 0.2473



25.8981, 0.2324, 0.1978



14.3820, 0.2981, 0.3171



10.2587, 0.1778, 0.1601



0.8902, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 48.6167, 0.3998, 0.3851 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 48.6167, 0.3998, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

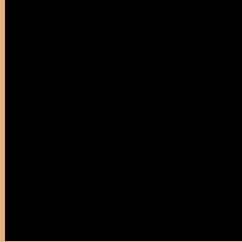
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6167, 0.3998, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 48.6167, 0.3998, 0.3851.



This preview shows how white text looks on a background with the Yxy color 48.6167, 0.3998, 0.3851.

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

48.6167, 0.3998, 0.3851

Protanopia

48.6432, 0.3691, 0.3961

Deuteranopia

48.3749, 0.3956, 0.3871



Tritanopia

48.5763, 0.3576, 0.3143

Trichromacy



Original Color

48.6167, 0.3998, 0.3851

Protanomaly

48.6499, 0.3795, 0.3919

Deuteranomaly

48.5324, 0.3965, 0.3869

Tritanomaly

48.6077, 0.3735, 0.3408

Monochromacy



Original Color

48.6167, 0.3998, 0.3851

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4156, 0.3433, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6167, 0.3998, 0.3851 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(225, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 128)  
}
```

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(225, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 128) }
```

Border

The CSS property to change the border of an element to Yxy 48.6167, 0.3998, 0.3851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

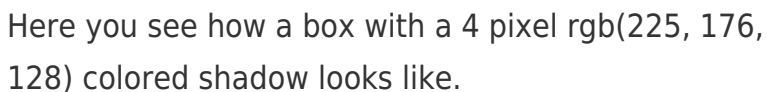
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 176, 128) }
```

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

```
.border{ border-color:rgb(225, 176, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 176, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 176, 128); box-shadow:4px 4px 4px 4px rgb(225, 176, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6167, 0.3998, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 128) }
```

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

```
.background{ background-color: rgb(225,  
176, 128) }
```

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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