

Converting Colors

$Y_{xy}(49.2578, 0.4200, 0.3928)$

Have a look what the booklet for
Yxy(49.2578, 0.4200, 0.3928)
contains.

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Color

Yxy(49.2186, 0.4196, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	EBAE75
RGB	235, 174, 117
RGB Percent	92%, 68%, 46%
CMY	0.0783, 0.3177, 0.5411
CMYK	0.00, 0.26, 0.50, 0.08
HSL	29°, 75%, 69%
HSV	29°, 50%, 92%
XYZ	52.6169, 49.2186, 23.5622
YIQ	185.7410, 54.6530, -4.7950

Conversions

Conversions Part 2

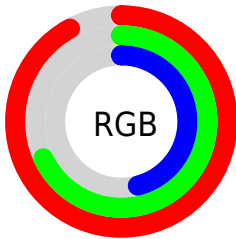
Format	Color
RYB	235, 227, 117
Decimal	15445621
CIELab	75.59, 15.78, 37.83
CIELCh	76, 40.993, 67.363
Yxy	49.2186, 0.4196, 0.3925
Android (android.graphics.Color)	4293635701 (0xFFEBAE75)
YUV	185.7410, -33.8893, 43.2001
Hunter-Lab	70.1560, 11.1018, 29.1963

Details

The Yxy color **49.2186, 0.4196, 0.3925** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.6491, 0.2326, 0.2531**, and the grayscale version is **49.1236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7559, 0.3708, 0.3899**, and **23.5544, 0.4467, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **44.2492, 0.4476, 0.4029**, and if you desaturate by 10%, it is **54.7567, 0.3933, 0.3803**.

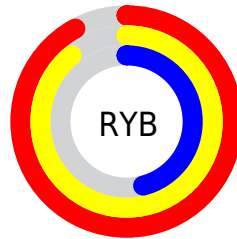
Distribution



Red (92%)

Green (68%)

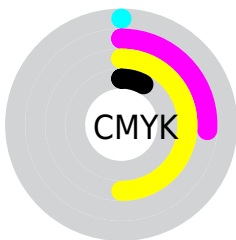
Blue (46%)



Red (92%)

Yellow (89%)

Blue (46%)

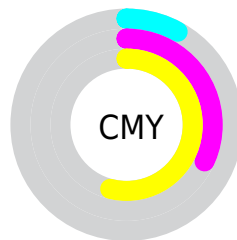


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2186, 0.4196, 0.3925 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 49.2186, 0.4196, 0.3925 by changing the saturation by 10% instead.


 49.2186, 0.4196,
0.3925


 49.2186, 0.4196,
0.3925


383.6023, 0.3671,
0.3638


 34.7929, 0.4320,
0.3985


 89.0160, 0.4009,
0.3829

 23.5034, 0.4475,
0.4054


 115.1566, 0.3938,
0.3790

 14.9657, 0.4669,
0.4131


 145.9709, 0.3877,
0.3757

 8.7953, 0.4918,
0.4212

181.8433, 0.3824,
0.3727

 4.6079, 0.5278,
0.4311

223.1583, 0.3779,
0.3701

 2.0191, 0.5691,
0.4309

270.3001, 0.3738,

 0.6185, 0.6131,

0.3677

0.3869

323.6533, 0.3703,
0.3657

0.0000, 0.0000,
0.0000

49.2186, 0.4196,
0.3925

49.2186, 0.4196,
0.3925

44.2492, 0.4476,
0.4029

54.7567, 0.3933,
0.3803

39.8196, 0.4761,
0.4101

60.8767, 0.3694,
0.3672

35.9083, 0.5036,
0.4129

67.6000, 0.3481,
0.3541

32.4887, 0.5280,
0.4103

74.9446, 0.3294,
0.3413

29.5812, 0.5481,
0.4030

82.9278, 0.3130,
0.3292

■ 91.3685, 0.3006,
0.3210

■ 96.4078, 0.3006,
0.3290

Harmonies

Analogous

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



49.2186, 0.4221, 0.3500



49.2186, 0.4196, 0.3925



49.2186, 0.3871, 0.4239

Triad

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



49.2186, 0.4196, 0.3925



49.2186, 0.2376, 0.3464



49.2186, 0.2817, 0.2467

Complementary

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



49.2186, 0.4196, 0.3925



41.6491, 0.2326, 0.2531

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.



49.2186, 0.2381, 0.2407



49.2186, 0.4196, 0.3925



49.2186, 0.2145, 0.2922

Square

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



49.2186, 0.4196, 0.3925



49.2186, 0.2814, 0.4006



49.2186, 0.2148, 0.2554



49.2186, 0.3381, 0.2703

Rectangle

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



49.2186, 0.4196, 0.3925



49.2186, 0.3543, 0.4316



49.2186, 0.2148, 0.2554



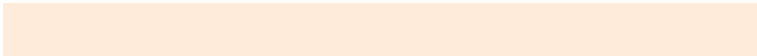
49.2186, 0.2652, 0.2426

Sweetspot

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



49.2210, 0.4196, 0.3925



85.7966, 0.3382, 0.3474



33.6887, 0.3770, 0.2599



17.9666, 0.3422, 0.3502



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.



49.2210, 0.4196, 0.3925



53.2152, 0.4477, 0.4029



76.1599, 0.3881, 0.4472



16.2541, 0.3281, 0.3404



16.7113, 0.5455, 0.4050



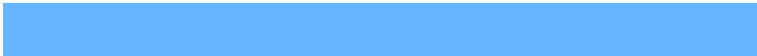
1.5041, 0.5235, 0.4225

Inverse Universe

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



41.6491, 0.2326, 0.2531



43.1494, 0.2178, 0.2344



23.4469, 0.2173, 0.1747



15.8378, 0.2981, 0.3173



11.2813, 0.1788, 0.1638



1.0784, 0.1856, 0.1882

Previews

White Background



This preview shows how the Yxy color 49.2186, 0.4196, 0.3925 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 49.2186, 0.4196, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

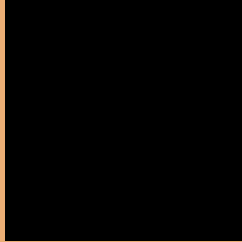
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2186, 0.4196, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 49.2186, 0.4196, 0.3925.



This preview shows how white text looks on a background with the Yxy color 49.2186, 0.4196, 0.3925.

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

49.2186, 0.4196, 0.3925

Protanopia

49.6423, 0.3790, 0.4098

Deuteranopia

49.1093, 0.4089, 0.4006



Tritanopia

49.0524, 0.3703, 0.3148

Trichromacy



Original Color

49.2186, 0.4196, 0.3925

Protanomaly

49.2590, 0.3942, 0.4033

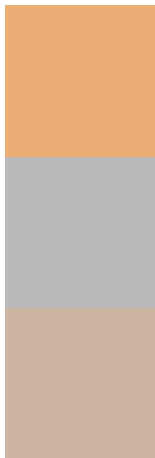
Deuteranomaly

49.3632, 0.4131, 0.3984

Tritanomaly

48.9534, 0.3894, 0.3438

Monochromacy



Original Color

49.2186, 0.4196, 0.3925

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8665, 0.3494, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2186, 0.4196, 0.3925 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(235, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 117)  
}
```

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(235, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 117) }
```

Border

The CSS property to change the border of an element to Yxy 49.2186, 0.4196, 0.3925 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(235, 174, 117) }
```

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

```
.border{ border-color:rgb(235, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 174, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 174, 117); box-shadow:4px 4px 4px 4px rgb(235, 174, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2186, 0.4196, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 117) }
```

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

```
.background{ background-color: rgb(235,  
174, 117) }
```

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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