

Converting Colors

$Yxy(48.8911, 0.4241, 0.3945)$

Have a look what the booklet for
Yxy(48.8911, 0.4241, 0.3945)
contains.

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Color

Yxy(48.9349, 0.4236, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	ECAD72
RGB	236, 173, 114
RGB Percent	93%, 68%, 45%
CMY	0.0746, 0.3215, 0.5529
CMYK	0.00, 0.27, 0.52, 0.07
HSL	29°, 76%, 69%
HSV	29°, 52%, 93%
XYZ	52.5712, 48.9349, 22.5997
YIQ	185.1110, 56.4870, -4.9930

Conversions

Conversions Part 2

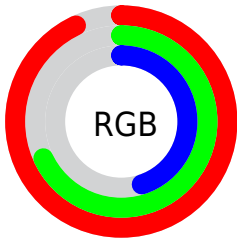
Format	Color
RYB	236, 228, 114
Decimal	15510898
CIELab	75.41, 16.42, 39.19
CIELCh	75, 42.489, 67.268
Yxy	48.9349, 0.4236, 0.3943
Android (android.graphics.Color)	4293700978 (0xFFECAD72)
YUV	185.1110, -35.0577, 44.6297
Hunter-Lab	69.9535, 11.7271, 29.8128

Details

The Yxy color **48.9349, 0.4236, 0.3943** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.0785, 0.2303, 0.2502**, and the grayscale version is **48.7580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5368, 0.3734, 0.3910**, and **23.3920, 0.4520, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **44.0048, 0.4517, 0.4043**, and if you desaturate by 10%, it is **54.4347, 0.3970, 0.3823**.

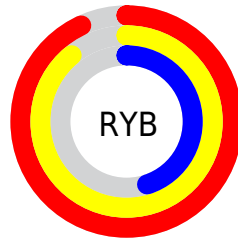
Distribution



Red (93%)

Green (68%)

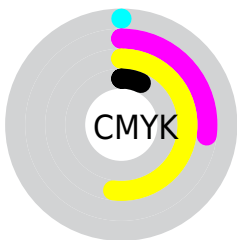
Blue (45%)



Red (93%)

Yellow (89%)

Blue (45%)

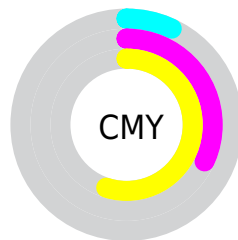


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (7%)



Cyan (7%)


Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9349, 0.4236, 0.3943 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 48.9349, 0.4236, 0.3943 by changing the saturation by 10% instead.


 48.9349, 0.4236,
0.3943


 48.9349, 0.4236,
0.3943


382.4860, 0.3692,
0.3649


 34.5678, 0.4364,
0.4003


 88.5948, 0.4043,
0.3845

 23.3302, 0.4523,
0.4072

 114.6563, 0.3969,
0.3806

 14.8375, 0.4723,
0.4148


 145.3849, 0.3906,
0.3771

 8.7054, 0.4976,
0.4225

 181.1648, 0.3851,
0.3741

 4.5495, 0.5361,
0.4332

222.3805, 0.3803,
0.3714

 1.9855, 0.5726,
0.4274

269.4163, 0.3762,

 0.5990, 0.6199,

0.3690

322.6567, 0.3725,
0.3669

0.3801

0.0000, 0.0000,
0.0000

48.9349, 0.4236,
0.3943

48.9349, 0.4236,
0.3943

44.0048, 0.4517,
0.4043

54.4347, 0.3970,
0.3823

39.6149, 0.4802,
0.4110

60.5176, 0.3728,
0.3693

35.7434, 0.5073,
0.4131

67.2054, 0.3511,
0.3561

32.3628, 0.5311,
0.4097

74.5163, 0.3320,
0.3432

29.8961, 0.5478,
0.4032

82.4679, 0.3153,
0.3310

■ 91.0372, 0.3012,
0.3202

■ 96.5710, 0.3011,
0.3290

Harmonies

Analogous

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



48.9349, 0.4262, 0.3503



48.9349, 0.4236, 0.3943



48.9349, 0.3898, 0.4273

Triad

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



48.9349, 0.4236, 0.3943



48.9349, 0.2350, 0.3471



48.9349, 0.2803, 0.2439

Complementary

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



48.9349, 0.4236, 0.3943



41.0785, 0.2303, 0.2502

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.



48.9349, 0.2353, 0.2377



48.9349, 0.4236, 0.3943



48.9349, 0.2111, 0.2907

Square

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



48.9349, 0.4236, 0.3943



48.9349, 0.2802, 0.4037



48.9349, 0.2114, 0.2528



48.9349, 0.3388, 0.2682

Rectangle

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



48.9349, 0.4236, 0.3943



48.9349, 0.3557, 0.4357



48.9349, 0.2114, 0.2528



48.9349, 0.2632, 0.2397

Sweetspot

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



48.9373, 0.4236, 0.3943



84.9326, 0.3400, 0.3488



33.0461, 0.3822, 0.2601



17.7948, 0.3440, 0.3514



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.



48.9373, 0.4236, 0.3943



52.1481, 0.4534, 0.4048



77.8673, 0.3890, 0.4519



16.2564, 0.3281, 0.3404



16.7378, 0.5453, 0.4052



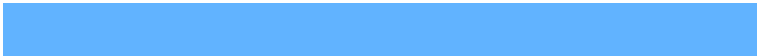
1.5062, 0.5233, 0.4227

Inverse Universe

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



41.0785, 0.2303, 0.2502



41.8104, 0.2149, 0.2305



22.1373, 0.2137, 0.1670



15.8355, 0.2981, 0.3173



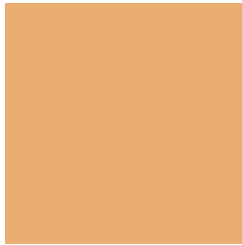
11.2526, 0.1788, 0.1635



1.0762, 0.1856, 0.1880

Previews

White Background



This preview shows how the Yxy color 48.9349, 0.4236, 0.3943 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 48.9349, 0.4236, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

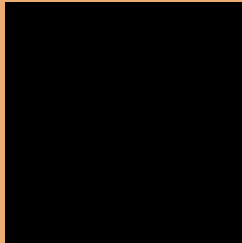
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9349, 0.4236, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 48.9349, 0.4236, 0.3943.



This preview shows how white text looks on a background with the Yxy color 48.9349, 0.4236, 0.3943.

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

48.9349, 0.4236, 0.3943

Protanopia

49.1462, 0.3818, 0.4123

Deuteranopia

49.0406, 0.4113, 0.4038



Tritanopia

48.8254, 0.3725, 0.3148

Trichromacy



Original Color

48.9349, 0.4236, 0.3943

Protanomaly

48.7792, 0.3971, 0.4056

Deuteranomaly

48.9009, 0.4162, 0.4005

Tritanomaly

48.7225, 0.3917, 0.3438

Monochromacy



Original Color

48.9349, 0.4236, 0.3943

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3883, 0.3514, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9349, 0.4236, 0.3943 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(236, 173, 114)` looks like.

```
.text, #text, p{  
    color:rgb(236, 173, 114)  
}
```

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(236, 173, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 173, 114) }
```

Border

The CSS property to change the border of an element to Yxy 48.9349, 0.4236, 0.3943 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(236, 173, 114) }
```

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

```
.border{ border-color:rgb(236, 173, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 173, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 173, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 173, 114);  
box-shadow:4px 4px 4px 4px rgb(236, 173,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9349, 0.4236, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 173, 114) }
```

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

```
.background{ background-color: rgb(236,  
173, 114) }
```

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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