

Converting Colors

$Yxy(47.9189, 0.4205, 0.3967)$

Have a look what the booklet for
Yxy(47.9189, 0.4205, 0.3967)
contains.

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Color

Yxy(48.0683, 0.4199, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	E7AD71
RGB	231, 173, 113
RGB Percent	91%, 68%, 44%
CMY	0.0941, 0.3215, 0.5568
CMYK	0.00, 0.25, 0.51, 0.09
HSL	31°, 71%, 67%
HSV	31°, 51%, 91%
XYZ	50.8795, 48.0683, 22.2227
YIQ	183.5020, 53.8280, -6.3640

Conversions

Conversions Part 2

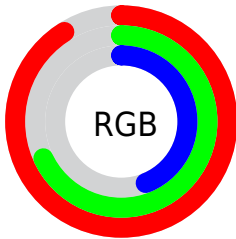
Format	Color
R _Y B	227, 231, 113
Decimal	15183217
CIE Lab	74.87, 14.31, 38.92
CIE LCh	75, 41.462, 69.813
Yxy	48.0683, 0.4199, 0.3967
Android (android.graphics.Color)	4293373297 (0xFFE7AD71)
YUV	183.5020, -34.7575, 41.6557
Hunter-Lab	69.3313, 9.6642, 29.5278

Details

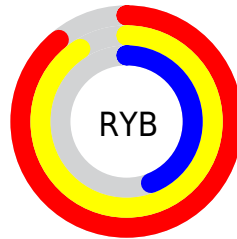
The Yxy color **48.0683, 0.4199, 0.3967** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.4092, 0.2305, 0.2473**, and the grayscale version is **47.8185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5000, 0.3741, 0.3920**, and **22.9179, 0.4483, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **43.4435, 0.4469, 0.4074**, and if you desaturate by 10%, it is **53.2002, 0.3942, 0.3840**.

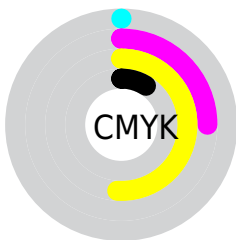
Distribution



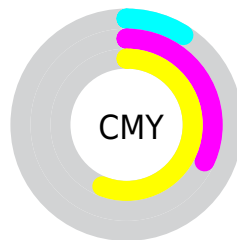
- Red (91%)
- Green (68%)
- Blue (44%)



- Red (89%)
- Yellow (91%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0683, 0.4199, 0.3967 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 48.0683, 0.4199, 0.3967 by changing the saturation by 10% instead.

 48.0683, 0.4199,
0.3967


 48.0683, 0.4199,
0.3967

379.0628, 0.3672,
0.3658

 33.8810, 0.4324,
0.4032


 87.3061, 0.4012,
0.3863


 22.8022, 0.4478,
0.4107


 113.1253, 0.3940,
0.3822

 14.4475, 0.4672,
0.4191


 143.5907, 0.3879,
0.3785

 8.4326, 0.4918,
0.4280


 179.0865, 0.3826,
0.3754

 4.3730, 0.5305,
0.4416

219.9973, 0.3780,
0.3725

 1.8843, 0.5636,
0.4364

266.7073, 0.3739,

 0.5389, 0.6152,

0.3700

0.3848

319.6010, 0.3704,
0.3678

0.0000, 0.0000,
0.0000

48.0683, 0.4199,
0.3967

48.0683, 0.4199,
0.3967

43.4435, 0.4469,
0.4074

53.2002, 0.3942,
0.3840

39.2995, 0.4742,
0.4149

58.8503, 0.3707,
0.3703

35.6172, 0.5002,
0.4179

65.0378, 0.3495,
0.3565

32.3728, 0.5230,
0.4155

71.7787, 0.3308,
0.3431

29.8180, 0.5403,
0.4092

79.0881, 0.3144,
0.3303

■ 86.9805, 0.3000,
0.3184

■ 94.1345, 0.2981,
0.3265

■ 95.7287, 0.2982,
0.3290

Harmonies

Analogous

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



48.0683, 0.4253, 0.3539



48.0683, 0.4199, 0.3967



48.0683, 0.3846, 0.4274

Triad

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



48.0683, 0.4199, 0.3967



48.0683, 0.2334, 0.3418



48.0683, 0.2854, 0.2467

Complementary

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



48.0683, 0.4199, 0.3967



38.4092, 0.2305, 0.2473

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.



48.0683, 0.2396, 0.2390



48.0683, 0.4199, 0.3967



48.0683, 0.2119, 0.2875

Square

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



48.0683, 0.4199, 0.3967



48.0683, 0.2765, 0.3982



48.0683, 0.2142, 0.2520



48.0683, 0.3433, 0.2719

Rectangle

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



48.0683, 0.4199, 0.3967



48.0683, 0.3505, 0.4337



48.0683, 0.2142, 0.2520



48.0683, 0.2682, 0.2420

Sweetspot

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



48.0706, 0.4199, 0.3967



86.3624, 0.3380, 0.3484



31.7807, 0.3833, 0.2631



18.1027, 0.3420, 0.3513



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.



48.0706, 0.4199, 0.3967



54.2269, 0.4476, 0.4077



75.3323, 0.3872, 0.4521



15.5734, 0.3280, 0.3410



16.9659, 0.5379, 0.4111



1.4396, 0.5159, 0.4285

Inverse Universe

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



38.4092, 0.2305, 0.2473



40.9122, 0.2151, 0.2271



21.0943, 0.2146, 0.1668



15.0511, 0.2981, 0.3167



10.1709, 0.1765, 0.1554



0.9372, 0.1839, 0.1821

Previews

White Background



This preview shows how the Yxy color 48.0683, 0.4199, 0.3967 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 48.0683, 0.4199, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

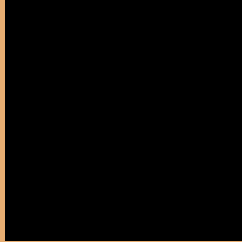
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0683, 0.4199, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 48.0683, 0.4199, 0.3967.



This preview shows how white text looks on a background with the Yxy color 48.0683, 0.4199, 0.3967.

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

48.0683, 0.4199, 0.3967

Protanopia

48.3998, 0.3820, 0.4141

Deuteranopia

48.0678, 0.4124, 0.4030



Tritanopia

48.1291, 0.3688, 0.3146

Trichromacy



Original Color

48.0683, 0.4199, 0.3967

Protanomaly

48.3057, 0.3951, 0.4076

Deuteranomaly

48.1607, 0.4158, 0.4010

Tritanomaly

48.0005, 0.3890, 0.3451

Monochromacy



Original Color

48.0683, 0.4199, 0.3967

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5286, 0.3498, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0683, 0.4199, 0.3967 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(231, 173, 113)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 113)  
}
```

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(231, 173, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 113) }
```

Border

The CSS property to change the border of an element to Yxy 48.0683, 0.4199, 0.3967 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(231, 173, 113) }
```

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

```
.border{ border-color:rgb(231, 173, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 173, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 173, 113);  
box-shadow:4px 4px 4px 4px rgb(231, 173,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0683, 0.4199, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 113) }
```

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

```
.background{ background-color: rgb(231,  
173, 113) }
```

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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