

Converting Colors

$Yxy(48.7791, 0.4100, 0.3867)$

Have a look what the booklet for
Yxy(48.7791, 0.4100, 0.3867)
contains.

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Color

Yxy(48.7163, 0.4099, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	E7AE7C
RGB	231, 174, 124
RGB Percent	91%, 68%, 49%
CMY	0.0943, 0.3176, 0.5138
CMYK	0.00, 0.25, 0.46, 0.09
HSL	28°, 69%, 70%
HSV	28°, 46%, 91%
XYZ	51.7193, 48.7163, 25.7398
YIQ	185.3430, 50.0220, -3.4660

Conversions

Conversions Part 2

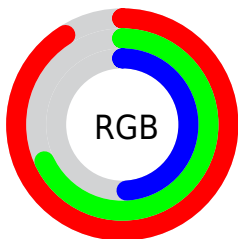
Format	Color
R _Y B	231, 218, 124
Decimal	15183484
CIE Lab	75.27, 14.78, 33.71
CIE LCh	75, 36.802, 66.326
Yxy	48.7163, 0.4099, 0.3861
Android (android.graphics.Color)	4293373564 (0xFFE7AE7C)
YUV	185.3430, -30.2421, 40.0412
Hunter-Lab	69.7971, 10.1227, 26.9930

Details

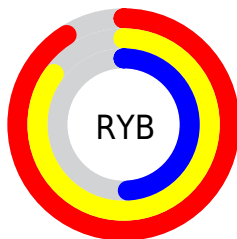
The Yxy color **48.7163, 0.4099, 0.3861** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.0672, 0.2391, 0.2624**, and the grayscale version is **48.8672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0280, 0.3660, 0.3828**, and **23.2977, 0.4357, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **43.6659, 0.4378, 0.3970**, and if you desaturate by 10%, it is **54.3430, 0.3841, 0.3738**.

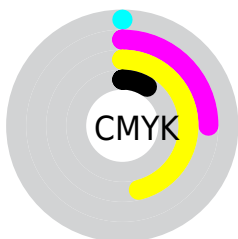
Distribution



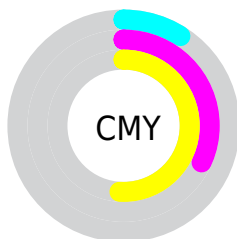
- Red (91%)
- Green (68%)
- Blue (49%)



- Red (91%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7163, 0.4099, 0.3861 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 48.7163, 0.4099, 0.3861 by changing the saturation by 10% instead.


 48.7163, 0.4099,
0.3861


 48.7163, 0.4099,
0.3861


381.6244, 0.3618,
0.3599


 34.3945, 0.4214,
0.3917


 88.2700, 0.3927,
0.3772

 23.1968, 0.4359,
0.3983


 114.2706, 0.3862,
0.3737

 14.7389, 0.4544,
0.4060


 144.9329, 0.3806,
0.3706

 8.6363, 0.4785,
0.4146

180.6414, 0.3758,
0.3679

 4.5048, 0.5115,
0.4236

221.7804, 0.3716,
0.3656

 1.9597, 0.5649,
0.4351

268.7343, 0.3680,

 0.5839, 0.6112,

0.3635

0.3888

321.8875, 0.3647,
0.3616

0.0000, 0.0000,
0.0000

48.7163, 0.4099,
0.3861

48.7163, 0.4099,
0.3861

43.6659, 0.4378,
0.3970

54.3430, 0.3841,
0.3738

39.1635, 0.4670,
0.4053

60.5587, 0.3610,
0.3611

35.1882, 0.4958,
0.4096

67.3848, 0.3406,
0.3484

31.7147, 0.5224,
0.4089

74.8390, 0.3228,
0.3363

28.7135, 0.5448,
0.4027

82.9383, 0.3073,
0.3249

■ 27.7151, 0.5524,
0.3996

■ 91.2024, 0.2981,
0.3218

■ 95.7227, 0.2981,
0.3290

Harmonies

Analogous

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



48.7163, 0.4107, 0.3475



48.7163, 0.4099, 0.3861



48.7163, 0.3817, 0.4143

Triad

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



48.7163, 0.4099, 0.3861



48.7163, 0.2459, 0.3467



48.7163, 0.2833, 0.2535

Complementary

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



48.7163, 0.4099, 0.3861



43.0672, 0.2391, 0.2624

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.



48.7163, 0.2439, 0.2489



48.7163, 0.4099, 0.3861



48.7163, 0.2237, 0.2978

Square

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



48.7163, 0.4099, 0.3861



48.7163, 0.2864, 0.3942



48.7163, 0.2232, 0.2634



48.7163, 0.3340, 0.2746

Rectangle

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



48.7163, 0.4099, 0.3861



48.7163, 0.3525, 0.4211



48.7163, 0.2232, 0.2634



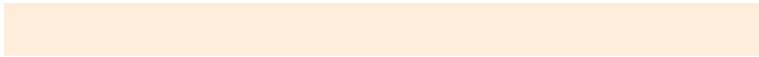
48.7163, 0.2684, 0.2500

Sweetspot

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



48.7186, 0.4099, 0.3861



86.3806, 0.3364, 0.3456



34.7314, 0.3699, 0.2649



18.0699, 0.3404, 0.3483



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.



48.7186, 0.4099, 0.3861



54.6729, 0.4378, 0.3970



73.5928, 0.3827, 0.4390



15.4739, 0.3281, 0.3400



15.7868, 0.5498, 0.4017



1.3511, 0.5258, 0.4207

Inverse Universe

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



43.0672, 0.2391, 0.2624



46.7316, 0.2241, 0.2448



25.3721, 0.2257, 0.1885



15.1510, 0.2981, 0.3177



11.4198, 0.1803, 0.1691



1.0295, 0.1873, 0.1942

Previews

White Background



This preview shows how the Yxy color 48.7163, 0.4099, 0.3861 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 48.7163, 0.4099, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

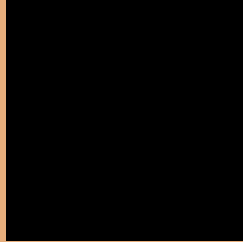
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7163, 0.4099, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 48.7163, 0.4099, 0.3861.



This preview shows how white text looks on a background with the Yxy color 48.7163, 0.4099, 0.3861.

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

48.7163, 0.4099, 0.3861

Protanopia

49.1203, 0.3721, 0.4007

Deuteranopia

48.9588, 0.4012, 0.3934



Tritanopia

48.7656, 0.3654, 0.3146

Trichromacy



Original Color

48.7163, 0.4099, 0.3861

Protanomaly

48.9853, 0.3856, 0.3960

Deuteranomaly

49.0431, 0.4045, 0.3916

Tritanomaly

48.7799, 0.3816, 0.3406

Monochromacy



Original Color

48.7163, 0.4099, 0.3861

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2486, 0.3461, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7163, 0.4099, 0.3861 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, 174, 124)` looks like.

```
.text, #text, p{  
    color:rgb(231, 174, 124)  
}
```

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, 174, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 174, 124) }
```

Border

The CSS property to change the border of an element to Yxy 48.7163, 0.4099, 0.3861 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, 174, 124) }
```

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

```
.border{ border-color:rgb(231, 174, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 174, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 174, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 174, 124);  
box-shadow:4px 4px 4px 4px rgb(231, 174,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7163, 0.4099, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 174, 124) }
```

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

```
.background{ background-color: rgb(231,  
174, 124) }
```

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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