

Converting Colors

$Yxy(46.4732, 0.4083, 0.3859)$

Have a look what the booklet for
Yxy(46.4732, 0.4083, 0.3859)
contains.

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Color

Yxy(46.5385, 0.4078, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	E1AB7A
RGB	225, 171, 122
RGB Percent	88%, 67%, 48%
CMY	0.1176, 0.3294, 0.5216
CMYK	0.00, 0.24, 0.46, 0.12
HSL	29°, 63%, 68%
HSV	29°, 46%, 88%
XYZ	49.1287, 46.5385, 24.8053
YIQ	181.5600, 47.9130, -3.7910

Conversions

Conversions Part 2

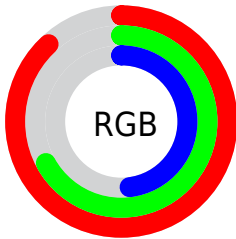
Format	Color
R _Y B	225, 215, 122
Decimal	14789498
CIE Lab	73.89, 13.80, 32.84
CIE LCh	74, 35.620, 67.212
Yxy	46.5385, 0.4078, 0.3863
Android (android.graphics.Color)	4292979578 (0xFFE1AB7A)
YUV	181.5600, -29.3631, 38.0969
Hunter-Lab	68.2191, 9.1650, 26.1949

Details

The Yxy color **46.5385, 0.4078, 0.3863** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.6264, 0.2398, 0.2623**, and the grayscale version is **46.6718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7479, 0.3686, 0.3810**, and **21.8770, 0.4335, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **41.7864, 0.4353, 0.3975**, and if you desaturate by 10%, it is **51.8219, 0.3824, 0.3738**.

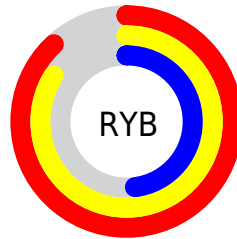
Distribution



Red (88%)

Green (67%)

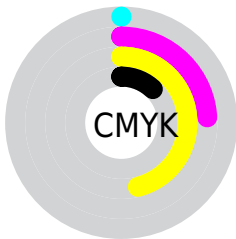
Blue (48%)



Red (88%)

Yellow (84%)

Blue (48%)

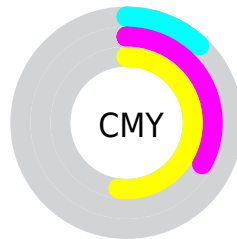


Cyan (0%)

Magenta (24%)

Yellow (46%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5385, 0.4078, 0.3863 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 46.5385, 0.4078, 0.3863 by changing the saturation by 10% instead.

 46.5385, 0.4078,
0.3863


 46.5385, 0.4078,
0.3863

372.9694, 0.3604,
0.3597


 32.6710, 0.4193,
0.3921


 85.0243, 0.3908,
0.3772

 21.8745, 0.4337,
0.3990


 110.4114, 0.3843,
0.3736

 13.7647, 0.4523,
0.4071


 140.4072, 0.3788,
0.3705

 7.9572, 0.4767,
0.4162

175.3960, 0.3741,
0.3678

 4.0676, 0.5116,
0.4270

215.7622, 0.3700,
0.3654

 1.7114, 0.5632,
0.4368

261.8902, 0.3664,

 0.4310, 0.6339,

0.3632

0.3661

314.1645, 0.3632,
0.3614

0.0000, 0.0000,
0.0000

46.5385, 0.4078,
0.3863

46.5385, 0.4078,
0.3863

41.7864, 0.4353,
0.3975

51.8219, 0.3824,
0.3738

37.5396, 0.4640,
0.4061

57.6482, 0.3596,
0.3608

33.7793, 0.4925,
0.4109

64.0365, 0.3395,
0.3480

30.4823, 0.5188,
0.4108

71.0032, 0.3218,
0.3358

27.6223, 0.5412,
0.4051

78.5638, 0.3065,
0.3242

■ 26.5327, 0.5498,
0.4017

■ 86.6034, 0.2944,
0.3155

■ 93.8452, 0.2946,
0.3275

■ 94.7487, 0.2946,
0.3289

Harmonies

Analogous

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



46.5385, 0.4094, 0.3484



46.5385, 0.4078, 0.3863



46.5385, 0.3795, 0.4134

Triad

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



46.5385, 0.4078, 0.3863



46.5385, 0.2461, 0.3449



46.5385, 0.2851, 0.2551

Complementary

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



46.5385, 0.4078, 0.3863



40.6264, 0.2398, 0.2623

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.



46.5385, 0.2459, 0.2500



46.5385, 0.4078, 0.3863



46.5385, 0.2248, 0.2971

Square

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



46.5385, 0.4078, 0.3863



46.5385, 0.2856, 0.3919



46.5385, 0.2249, 0.2638



46.5385, 0.3352, 0.2763

Rectangle

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



46.5385, 0.4078, 0.3863



46.5385, 0.3505, 0.4195



46.5385, 0.2249, 0.2638



46.5385, 0.2704, 0.2514

Sweetspot

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



46.5407, 0.4078, 0.3863



86.5445, 0.3363, 0.3459



33.0995, 0.3688, 0.2657



18.1097, 0.3404, 0.3487



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.



46.5407, 0.4078, 0.3863



55.7314, 0.4342, 0.3971



69.4300, 0.3819, 0.4377



14.7707, 0.3280, 0.3402



15.5190, 0.5473, 0.4037



1.2541, 0.5225, 0.4234

Inverse Universe

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



40.6264, 0.2398, 0.2623



46.9339, 0.2253, 0.2451



24.3514, 0.2270, 0.1906



14.4266, 0.2981, 0.3176



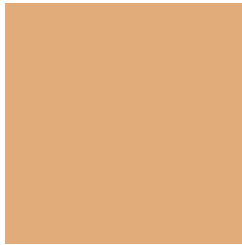
10.8296, 0.1796, 0.1665



0.9297, 0.1871, 0.1934

Previews

White Background



This preview shows how the Yxy color 46.5385, 0.4078, 0.3863 looks on a white background.

Color Contrast Check

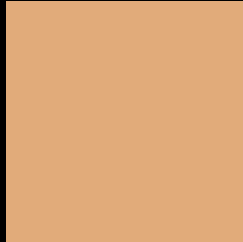
Large Text (above 18pt) WCAG AA × Fail

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 46.5385, 0.4078, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

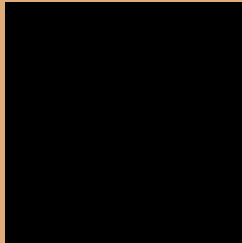
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5385, 0.4078, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 46.5385, 0.4078, 0.3863.



This preview shows how white text looks on a background with the Yxy color 46.5385, 0.4078, 0.3863.

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

46.5385, 0.4078, 0.3863

Protanopia

46.6980, 0.3715, 0.4011

Deuteranopia

46.5580, 0.4004, 0.3925



Tritanopia

46.5085, 0.3644, 0.3154

Trichromacy



Original Color

46.5385, 0.4078, 0.3863

Protanomaly

46.5869, 0.3845, 0.3950

Deuteranomaly

46.6398, 0.4038, 0.3906

Tritanomaly

46.5317, 0.3809, 0.3420

Monochromacy



Original Color

46.5385, 0.4078, 0.3863

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3846, 0.3458, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5385, 0.4078, 0.3863 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, 171, 122)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 122)  
}
```

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, 171, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 122) }
```

Border

The CSS property to change the border of an element to Yxy 46.5385, 0.4078, 0.3863 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, 171, 122) }
```

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

```
.border{ border-color:rgb(225, 171, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 122);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5385, 0.4078, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 122) }
```

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

```
.background{ background-color: rgb(225,  
171, 122) }
```

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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