

Converting Colors

$Yxy(46.9200, 0.3883, 0.3596)$

Have a look what the booklet for
Yxy(46.9200, 0.3883, 0.3596)
contains.

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Color

Yxy(46.7706, 0.3882, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	E1AA90
RGB	225, 170, 144
RGB Percent	88%, 67%, 56%
CMY	0.1176, 0.3333, 0.4352
CMYK	0.00, 0.24, 0.36, 0.12
HSL	19°, 57%, 72%
HSV	19°, 36%, 88%
XYZ	50.4623, 46.7706, 32.7576
YIQ	183.4810, 41.1260, 3.5740

Conversions

Conversions Part 2

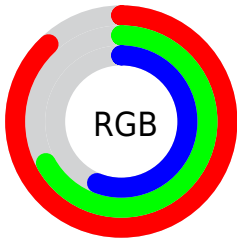
Format	Color
R _Y B	225, 182, 144
Decimal	14789264
CIE Lab	74.04, 16.75, 21.23
CIE LCh	74, 27.046, 51.728
Yxy	46.7706, 0.3882, 0.3598
Android (android.graphics.Color)	4292979344 (0xFFE1AA90)
YUV	183.4810, -19.4641, 36.4122
Hunter-Lab	68.3890, 12.0293, 19.4730

Details

The Yxy color **46.7706, 0.3882, 0.3598** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.2215, 0.2577, 0.2956**, and the grayscale version is **47.7258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1876, 0.3528, 0.3565**, and **22.0720, 0.4101, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **40.7518, 0.4176, 0.3683**, and if you desaturate by 10%, it is **53.5969, 0.3627, 0.3509**.

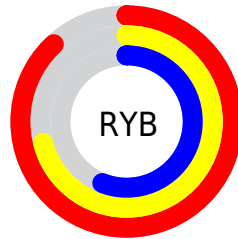
Distribution



Red (88%)

Green (67%)

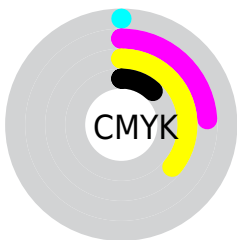
Blue (56%)



Red (88%)

Yellow (71%)

Blue (56%)

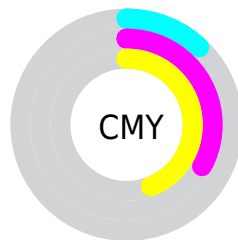


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7706, 0.3882, 0.3598 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 46.7706, 0.3882, 0.3598 by changing the saturation by 10% instead.


 46.7706, 0.3882,
0.3598


 46.7706, 0.3882,
0.3598

373.8981, 0.3502,
0.3456

 32.8543, 0.3977,
0.3629


 85.3711, 0.3744,
0.3549

 22.0149, 0.4098,
0.3667


 110.8241, 0.3692,
0.3530

 13.8678, 0.4258,
0.3712


140.8915, 0.3648,
0.3514

 8.0288, 0.4479,
0.3765

175.9577, 0.3610,
0.3499

 4.1134, 0.4796,
0.3822

216.4071, 0.3578,
0.3486

 1.7372, 0.5501,
0.4018

262.6240, 0.3549,

 0.4476, 0.6509,

0.3475

0.3491

314.9929, 0.3524,
0.3465

0.0000, 0.0000,
0.0000

46.7706, 0.3882,
0.3598

46.7706, 0.3882,
0.3598

40.7518, 0.4176,
0.3683

53.5969, 0.3627,
0.3509

35.5029, 0.4507,
0.3756

61.2532, 0.3409,
0.3421

30.9931, 0.4864,
0.3806

69.7692, 0.3224,
0.3338

27.1867, 0.5226,
0.3822

79.1713, 0.3068,
0.3259

24.0446, 0.5561,
0.3791

89.3866, 0.2945,
0.3203

■ 21.5226, 0.5836,
0.3711

■ 94.7487, 0.2946,
0.3289

■ 20.6695, 0.5931,
0.3672

Harmonies

Analogous

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



46.7706, 0.3775, 0.3291



46.7706, 0.3882, 0.3598



46.7706, 0.3772, 0.3851

Triad

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



46.7706, 0.3882, 0.3598



46.7706, 0.2763, 0.3602



46.7706, 0.2748, 0.2678

Complementary

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



46.7706, 0.3882, 0.3598



52.2215, 0.2577, 0.2956

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.



46.7706, 0.2508, 0.2720



46.7706, 0.3882, 0.3598



46.7706, 0.2516, 0.3235

Square

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



46.7706, 0.3882, 0.3598



46.7706, 0.3117, 0.3882



46.7706, 0.2426, 0.2914



46.7706, 0.3101, 0.2781

Rectangle

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



46.7706, 0.3882, 0.3598



46.7706, 0.3597, 0.3950



46.7706, 0.2426, 0.2914



46.7706, 0.2652, 0.2675

Sweetspot

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



46.7728, 0.3882, 0.3598



86.7659, 0.3314, 0.3379



40.0989, 0.3408, 0.2660



18.2436, 0.3339, 0.3391



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.



46.7728, 0.3882, 0.3598



56.1742, 0.4093, 0.3661



64.1938, 0.3721, 0.4037



14.4149, 0.3284, 0.3366



12.0974, 0.5903, 0.3695



0.9967, 0.5601, 0.3934

Inverse Universe

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



52.2215, 0.2577, 0.2956



64.3609, 0.2472, 0.2876



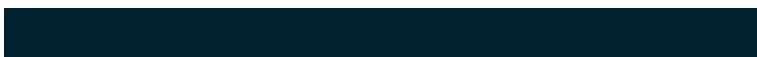
36.1154, 0.2501, 0.2411



14.7919, 0.2982, 0.3213



16.4432, 0.1947, 0.2210



1.2995, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 46.7706, 0.3882, 0.3598 looks on a white background.

Color Contrast Check

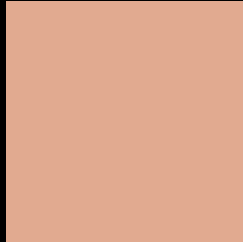
Large Text (above 18pt) WCAG AA × Fail

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 46.7706, 0.3882, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

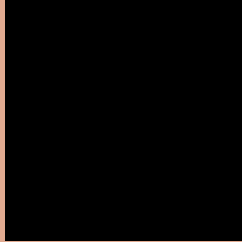
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7706, 0.3882, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 46.7706, 0.3882, 0.3598.



This preview shows how white text looks on a background with the Yxy color 46.7706, 0.3882, 0.3598.

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

46.7706, 0.3882, 0.3598

Protanopia

46.9954, 0.3487, 0.3706

Deuteranopia

46.7892, 0.3758, 0.3684



Tritanopia

46.6186, 0.3604, 0.3141

Trichromacy



Original Color

46.7706, 0.3882, 0.3598

Protanomaly

46.9580, 0.3627, 0.3668

Deuteranomaly

46.6220, 0.3803, 0.3655

Tritanomaly

46.7215, 0.3703, 0.3303

Monochromacy



Original Color

46.7706, 0.3882, 0.3598

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7111, 0.3380, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7706, 0.3882, 0.3598 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, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 144)  
}
```

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, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 144) }
```

Border

The CSS property to change the border of an element to Yxy 46.7706, 0.3882, 0.3598 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, 170, 144) }
```

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

```
.border{ border-color:rgb(225, 170, 144) }
```

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

Here you see how a box with a 4 pixel rgb(225, 170, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7706, 0.3882, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 144) }
```

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

```
.background{ background-color: rgb(225,  
170, 144) }
```

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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