

Converting Colors

$Yxy(47.0191, 0.3890, 0.3558)$

Have a look what the booklet for
Yxy(47.0191, 0.3890, 0.3558)
contains.

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Color

Yxy(46.9452, 0.3896, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	E4A992
RGB	228, 169, 146
RGB Percent	89%, 66%, 57%
CMY	0.1058, 0.3373, 0.4274
CMYK	0.00, 0.26, 0.36, 0.11
HSL	17°, 60%, 73%
HSV	17°, 36%, 89%
XYZ	51.3760, 46.9452, 33.5474
YIQ	184.0190, 42.5470, 5.3550

Conversions

Conversions Part 2

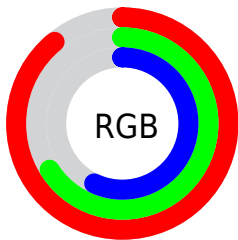
Format	Color
R _Y B	228, 178, 146
Decimal	14985618
CIE Lab	74.15, 18.70, 20.36
CIE LCh	74, 27.642, 47.432
Yxy	46.9452, 0.3896, 0.3560
Android (android.graphics.Color)	4293175698 (0xFFE4A992)
YUV	184.0190, -18.7434, 38.5713
Hunter-Lab	68.5166, 13.9412, 18.9318

Details

The Yxy color **46.9452, 0.3896, 0.3560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3881, 0.2583, 0.2999**, and the grayscale version is **48.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7414, 0.3516, 0.3535**, and **22.2067, 0.4120, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **40.5801, 0.4202, 0.3634**, and if you desaturate by 10%, it is **54.2225, 0.3633, 0.3482**.

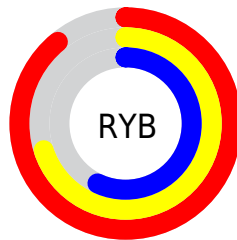
Distribution



Red (89%)

Green (66%)

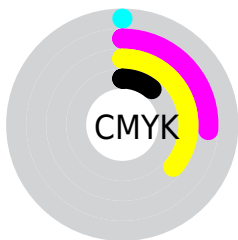
Blue (57%)



Red (89%)

Yellow (70%)

Blue (57%)

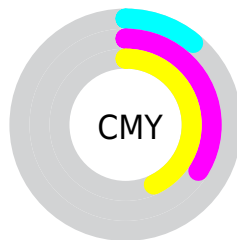


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9452, 0.3896, 0.3560 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 46.9452, 0.3896, 0.3560 by changing the saturation by 10% instead.


 46.9452, 0.3896,
0.3560

 46.9452, 0.3896,
0.3560


374.5957, 0.3509,
0.3437

 32.9923, 0.3993,
0.3586


 85.6318, 0.3755,
0.3518

 22.1206, 0.4116,
0.3618


 111.1344, 0.3702,
0.3502

 13.9455, 0.4280,
0.3654


141.2556, 0.3658,
0.3488

 8.0828, 0.4505,
0.3696

176.3799, 0.3619,
0.3475

 4.1480, 0.4832,
0.3737

216.8917, 0.3586,
0.3464

 1.7567, 0.5506,
0.3871

263.1753, 0.3557,

 0.4600, 0.6605,

0.3454

0.3395

315.6152, 0.3531,
0.3445

0.0000, 0.0000,
0.0000

46.9452, 0.3896,
0.3560

46.9452, 0.3896,
0.3560

40.5801, 0.4202,
0.3634

54.2225, 0.3633,
0.3482

35.0839, 0.4547,
0.3697

62.4398, 0.3411,
0.3405

30.4192, 0.4923,
0.3739

71.6322, 0.3224,
0.3331

26.5436, 0.5303,
0.3747

81.8306, 0.3067,
0.3263

23.4102, 0.5654,
0.3711

92.7379, 0.2963,
0.3250

■ 20.9660, 0.5936,
0.3631

■ 95.2374, 0.2964,
0.3290

■ 20.1563, 0.6031,
0.3593

Harmonies

Analogous

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



46.9452, 0.3756, 0.3245



46.9452, 0.3896, 0.3560



46.9452, 0.3814, 0.3832

Triad

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



46.9452, 0.3896, 0.3560



46.9452, 0.2802, 0.3659



46.9452, 0.2697, 0.2663

Complementary

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



46.9452, 0.3896, 0.3560



55.3881, 0.2583, 0.2999

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.



46.9452, 0.2474, 0.2727



46.9452, 0.3896, 0.3560



46.9452, 0.2530, 0.3287

Square

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



46.9452, 0.3896, 0.3560



46.9452, 0.3172, 0.3922



46.9452, 0.2415, 0.2946



46.9452, 0.3044, 0.2748

Rectangle

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



46.9452, 0.3896, 0.3560



46.9452, 0.3650, 0.3948



46.9452, 0.2415, 0.2946



46.9452, 0.2606, 0.2667

Sweetspot

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



46.9474, 0.3896, 0.3560



86.1137, 0.3315, 0.3368



41.5188, 0.3369, 0.2617



18.0889, 0.3341, 0.3378



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.



46.9474, 0.3896, 0.3560



54.4022, 0.4115, 0.3615



64.1161, 0.3736, 0.3995



15.0225, 0.3285, 0.3357



11.8094, 0.6004, 0.3614



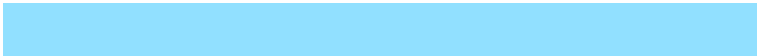
1.0260, 0.5717, 0.3843

Inverse Universe

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



55.3881, 0.2583, 0.2999



66.7213, 0.2481, 0.2930



38.6740, 0.2509, 0.2466



15.6174, 0.2981, 0.3223



18.7914, 0.1987, 0.2354



1.5436, 0.2030, 0.2507

Previews

White Background



This preview shows how the Yxy color 46.9452, 0.3896, 0.3560 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 46.9452, 0.3896, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

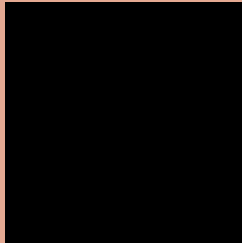
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9452, 0.3896, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 46.9452, 0.3896, 0.3560.



This preview shows how white text looks on a background with the Yxy color 46.9452, 0.3896, 0.3560.

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

46.9452, 0.3896, 0.3560

Protanopia

47.0604, 0.3471, 0.3680

Deuteranopia

46.8504, 0.3740, 0.3659



Tritanopia

47.0735, 0.3642, 0.3154

Trichromacy



Original Color

46.9452, 0.3896, 0.3560

Protanomaly

46.7681, 0.3622, 0.3629

Deuteranomaly

46.8369, 0.3794, 0.3629

Tritanomaly

46.8486, 0.3735, 0.3292

Monochromacy



Original Color

46.9452, 0.3896, 0.3560

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4218, 0.3388, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9452, 0.3896, 0.3560 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(228, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(228, 169, 146)  
}
```

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(228, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 169, 146) }
```

Border

The CSS property to change the border of an element to Yxy 46.9452, 0.3896, 0.3560 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(228, 169, 146) }
```

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

```
.border{ border-color:rgb(228, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(228, 169,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9452, 0.3896, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 169, 146) }
```

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

```
.background{ background-color: rgb(228,  
169, 146) }
```

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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