

Converting Colors

$Y_{xy}(46.7796, 0.3886, 0.3560)$

Have a look what the booklet for
Yxy(46.7796, 0.3886, 0.3560)
contains.

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Color

Yxy(46.7822, 0.3886, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	E3A992
RGB	227, 169, 146
RGB Percent	89%, 66%, 57%
CMY	0.1099, 0.3372, 0.4274
CMYK	0.00, 0.26, 0.36, 0.11
HSL	17°, 59%, 73%
HSV	17°, 36%, 89%
XYZ	51.0518, 46.7822, 33.5397
YIQ	183.7200, 41.9510, 5.1430

Conversions

Conversions Part 2

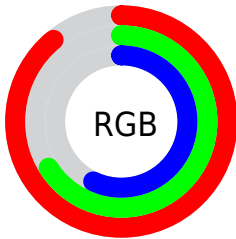
Format	Color
R _Y B	227, 178, 146
Decimal	14920082
CIE Lab	74.05, 18.29, 20.19
CIE LCh	74, 27.241, 47.823
Yxy	46.7822, 0.3886, 0.3561
Android (android.graphics.Color)	4293110162 (0xFFE3A992)
YUV	183.7200, -18.5960, 37.9566
Hunter-Lab	68.3975, 13.5366, 18.8045

Details

The Yxy color **46.7822, 0.3886, 0.3561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8378, 0.2587, 0.2998**, and the grayscale version is **47.8588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7414, 0.3516, 0.3535**, and **22.0949, 0.4108, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **40.4703, 0.4189, 0.3637**, and if you desaturate by 10%, it is **53.9905, 0.3625, 0.3482**.

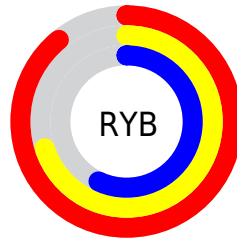
Distribution



Red (89%)

Green (66%)

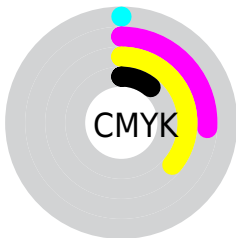
Blue (57%)



Red (89%)

Yellow (70%)

Blue (57%)

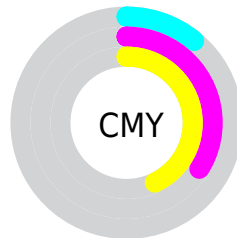


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7822, 0.3886, 0.3561 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 46.7822, 0.3886, 0.3561 by changing the saturation by 10% instead.


 46.7822, 0.3886,
0.3561


 46.7822, 0.3886,
0.3561


373.9445, 0.3504,
0.3437

 32.8635, 0.3982,
0.3588


 85.3884, 0.3747,
0.3519

 22.0219, 0.4104,
0.3619


 110.8447, 0.3695,
0.3502

 13.8730, 0.4266,
0.3657


140.9157, 0.3650,
0.3488

 8.0324, 0.4489,
0.3700

175.9858, 0.3613,
0.3475

 4.1157, 0.4813,
0.3743

216.4393, 0.3580,
0.3464

 1.7385, 0.5486,
0.3884

262.6606, 0.3551,

 0.4484, 0.6607,

0.3454

0.3393

315.0342, 0.3526,
0.3445

0.0000, 0.0000,
0.0000

46.7822, 0.3886,
0.3561

46.7822, 0.3886,
0.3561

40.4703, 0.4189,
0.3637

53.9905, 0.3625,
0.3482

35.0122, 0.4533,
0.3701

62.1221, 0.3404,
0.3404

30.3718, 0.4905,
0.3744

71.2112, 0.3219,
0.3330

26.5077, 0.5285,
0.3754

81.2881, 0.3063,
0.3261

23.3743, 0.5636,
0.3720

92.0880, 0.2957,
0.3242

■ 20.9202, 0.5919,
0.3641

■ 95.0681, 0.2958,
0.3290

■ 20.0476, 0.6022,
0.3600

Harmonies

Analogous

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



46.7822, 0.3751, 0.3250



46.7822, 0.3886, 0.3561



46.7822, 0.3802, 0.3828

Triad

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



46.7822, 0.3886, 0.3561



46.7822, 0.2802, 0.3649



46.7822, 0.2706, 0.2671

Complementary

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



46.7822, 0.3886, 0.3561



54.8378, 0.2587, 0.2998

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.



46.7822, 0.2484, 0.2733



46.7822, 0.3886, 0.3561



46.7822, 0.2536, 0.3283

Square

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



46.7822, 0.3886, 0.3561



46.7822, 0.3166, 0.3910



46.7822, 0.2423, 0.2947



46.7822, 0.3051, 0.2757

Rectangle

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



46.7822, 0.3886, 0.3561



46.7822, 0.3639, 0.3941



46.7822, 0.2423, 0.2947



46.7822, 0.2616, 0.2675

Sweetspot

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



46.7844, 0.3886, 0.3561



86.1721, 0.3315, 0.3369



41.2529, 0.3379, 0.2637



18.1028, 0.3341, 0.3380



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.



46.7844, 0.3886, 0.3561



54.5589, 0.4113, 0.3619



64.2213, 0.3725, 0.4003



15.0312, 0.3285, 0.3357



11.8653, 0.5996, 0.3621



1.0311, 0.5708, 0.3850

Inverse Universe

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



54.8378, 0.2587, 0.2998



66.5069, 0.2481, 0.2925



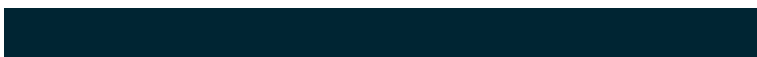
38.0513, 0.2512, 0.2456



15.6082, 0.2981, 0.3222



18.6219, 0.1984, 0.2341



1.5322, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 46.7822, 0.3886, 0.3561 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 46.7822, 0.3886, 0.3561 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 46.7822, 0.3886, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 46.7822, 0.3886, 0.3561.



This preview shows how white text looks on a background with the Yxy color 46.7822, 0.3886, 0.3561.

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

46.7822, 0.3886, 0.3561

Protanopia

46.9294, 0.3461, 0.3681

Deuteranopia

46.8504, 0.3740, 0.3659



Tritanopia

46.9076, 0.3632, 0.3154

Trichromacy



Original Color

46.7822, 0.3886, 0.3561

Protanomaly

46.6254, 0.3613, 0.3630

Deuteranomaly

46.8369, 0.3794, 0.3629

Tritanomaly

46.6836, 0.3725, 0.3292

Monochromacy



Original Color

46.7822, 0.3886, 0.3561

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 46.7822, 0.3886, 0.3561 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(227, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 146) }
```

Border

The CSS property to change the border of an element to Yxy 46.7822, 0.3886, 0.3561 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(227, 169, 146) }
```

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

```
.border{ border-color:rgb(227, 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(227, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 169, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 169, 146); box-shadow:4px 4px 4px 4px rgb(227, 169, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7822, 0.3886, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 146) }
```

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

```
.background{ background-color: rgb(227,  
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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