

Converting Colors

$Y_{xy}(43.1823, 0.4136, 0.3711)$

Have a look what the booklet for
Yxy(43.1823, 0.4136, 0.3711)
contains.

Yxy(43.3013, 0.4126, 0.3712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3013, 0.4126, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	E3A17D
RGB	227, 161, 125
RGB Percent	89%, 63%, 49%
CMY	0.1097, 0.3686, 0.5098
CMYK	0.00, 0.29, 0.45, 0.11
HSL	21°, 65%, 69%
HSV	21°, 45%, 89%
XYZ	48.1307, 43.3013, 25.2202
YIQ	176.6300, 50.8920, 2.7960

Conversions

Conversions Part 2

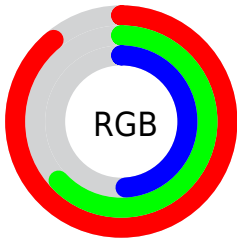
Format	Color
R _Y B	227, 181, 125
Decimal	14918013
CIE Lab	71.76, 20.26, 28.48
CIE LCh	72, 34.954, 54.572
Yxy	43.3013, 0.4126, 0.3712
Android (android.graphics.Color)	4293108093 (0xFFE3A17D)
YUV	176.6300, -25.4536, 44.1745
Hunter-Lab	65.8037, 15.4034, 23.3389

Details

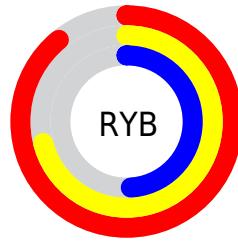
The Yxy color **43.3013, 0.4126, 0.3712** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.1787, 0.2441, 0.2812**, and the grayscale version is **43.8794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5861, 0.3694, 0.3682**, and **19.8941, 0.4408, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **37.9513, 0.4442, 0.3795**, and if you desaturate by 10%, it is **49.3915, 0.3843, 0.3618**.

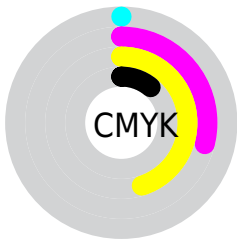
Distribution



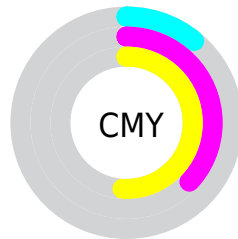
- Red (89%)
- Green (63%)
- Blue (49%)



- Red (89%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (11%)





- Cyan (11%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3013, 0.4126, 0.3712 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 43.3013, 0.4126, 0.3712 by changing the saturation by 10% instead.


 43.3013, 0.4126,
0.3712


 43.3013, 0.4126,
0.3712


359.8494, 0.3619,
0.3521


 30.1216, 0.4253,
0.3752


 80.1653, 0.3941,
0.3648

 19.9309, 0.4414,
0.3798


 104.6185, 0.3872,
0.3622

 12.3448, 0.4626,
0.3849


 133.5982, 0.3813,
0.3600

 6.9790, 0.4912,
0.3900

167.4889, 0.3763,
0.3580

 3.4490, 0.5332,
0.3945

206.6749, 0.3720,
0.3562

 1.3704, 0.6031,
0.3969

251.5408, 0.3682,

 0.1947, 0.7773,

0.3547

0.2227

302.4708, 0.3648,
0.3533

0.0000, 0.0000,
0.0000

43.3013, 0.4126,
0.3712

43.3013, 0.4126,
0.3712

37.9513, 0.4442,
0.3795

49.3915, 0.3843,
0.3618

33.3053, 0.4783,
0.3855

56.2436, 0.3597,
0.3520

29.3329, 0.5130,
0.3881

63.8863, 0.3386,
0.3424

25.9990, 0.5456,
0.3860

72.3447, 0.3206,
0.3333

23.2636, 0.5730,
0.3787

81.6428, 0.3053,
0.3248

■ 22.0879, 0.5849,
0.3738

■ 91.3972, 0.2957,
0.3231

■ 95.0751, 0.2958,
0.3290

Harmonies

Analogous

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



43.3013, 0.4016, 0.3317



43.3013, 0.4126, 0.3712



43.3013, 0.3945, 0.4044

Triad

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



43.3013, 0.4126, 0.3712



43.3013, 0.2606, 0.3662



43.3013, 0.2665, 0.2504

Complementary

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



43.3013, 0.4126, 0.3712



47.1787, 0.2441, 0.2812

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.



43.3013, 0.2343, 0.2530



43.3013, 0.4126, 0.3712



43.3013, 0.2308, 0.3160

Square

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



43.3013, 0.4126, 0.3712



43.3013, 0.3056, 0.4067



43.3013, 0.2218, 0.2753



43.3013, 0.3135, 0.2653

Rectangle

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



43.3013, 0.4126, 0.3712



43.3013, 0.3698, 0.4175



43.3013, 0.2218, 0.2753



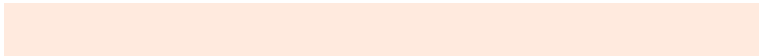
43.3013, 0.2538, 0.2492

Sweetspot

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



43.3034, 0.4126, 0.3712



85.1139, 0.3350, 0.3407



34.7758, 0.3541, 0.2541



17.7161, 0.3393, 0.3428



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.



43.3034, 0.4126, 0.3712



49.7828, 0.4423, 0.3790



64.7630, 0.3862, 0.4249



15.1958, 0.3284, 0.3373



13.0774, 0.5822, 0.3759



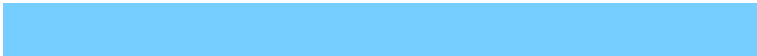
1.1363, 0.5542, 0.3982

Inverse Universe

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



47.1787, 0.2441, 0.2812



55.3644, 0.2313, 0.2691



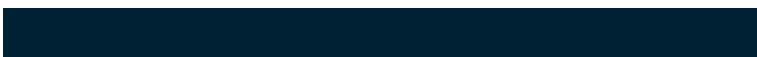
28.7501, 0.2316, 0.2098



15.4357, 0.2981, 0.3205



15.6141, 0.1915, 0.2095



1.3270, 0.1969, 0.2289

Previews

White Background



This preview shows how the Yxy color 43.3013, 0.4126, 0.3712 looks on a white background.

Color Contrast Check

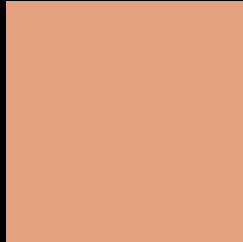
Large Text (above 18pt) WCAG AA × Fail

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 43.3013, 0.4126, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

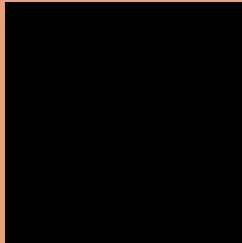
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3013, 0.4126, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 43.3013, 0.4126, 0.3712.



This preview shows how white text looks on a background with the Yxy color 43.3013, 0.4126, 0.3712.

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

43.3013, 0.4126, 0.3712

Protanopia

43.5082, 0.3631, 0.3890

Deuteranopia

43.5076, 0.3936, 0.3862



Tritanopia

43.2216, 0.3769, 0.3154

Trichromacy



Original Color

43.3013, 0.4126, 0.3712

Protanomaly

43.4073, 0.3804, 0.3827

Deuteranomaly

43.3266, 0.4001, 0.3802

Tritanomaly

43.2039, 0.3905, 0.3350

Monochromacy



Original Color

43.3013, 0.4126, 0.3712

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1965, 0.3464, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3013, 0.4126, 0.3712 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, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(227, 161, 125)  
}
```

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, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 161, 125) }
```

Border

The CSS property to change the border of an element to Yxy 43.3013, 0.4126, 0.3712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

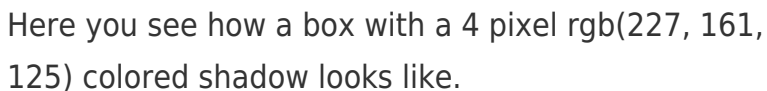
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 161, 125) }
```

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

```
.border{ border-color:rgb(227, 161, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 161, 125); box-shadow:4px 4px 4px 4px rgb(227, 161, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3013, 0.4126, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 161, 125) }
```

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

```
.background{ background-color: rgb(227,  
161, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor