

Converting Colors

$Y_{xy}(43.5866, 0.4300, 0.3732)$

Have a look what the booklet for
Yxy(43.5866, 0.4300, 0.3732)
contains.

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Color

Yxy(43.5946, 0.4296, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	EC9E76
RGB	236, 158, 118
RGB Percent	93%, 62%, 46%
CMY	0.0745, 0.3804, 0.5373
CMYK	0.00, 0.33, 0.50, 0.07
HSL	20°, 76%, 69%
HSV	20°, 50%, 93%
XYZ	50.0889, 43.5946, 22.9108
YIQ	176.7620, 59.3280, 4.0960

Conversions

Conversions Part 2

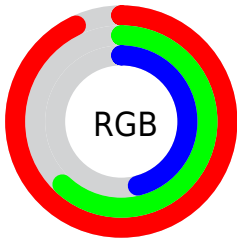
Format	Color
RYB	236, 179, 118
Decimal	15507062
CIELab	71.96, 24.74, 32.69
CIELCh	72, 41.000, 52.880
Yxy	43.5946, 0.4296, 0.3739
Android (android.graphics.Color)	4293697142 (0xFFEC9E76)
YUV	176.7620, -28.9697, 51.9517
Hunter-Lab	66.0262, 19.8681, 25.6450

Details

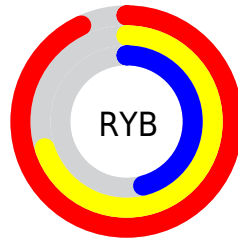
The Yxy color **43.5946, 0.4296, 0.3739** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.3806, 0.2374, 0.2768**, and the grayscale version is **43.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7888, 0.3756, 0.3725**, and **20.0849, 0.4625, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **38.1161, 0.4633, 0.3809**, and if you desaturate by 10%, it is **49.8932, 0.3990, 0.3653**.

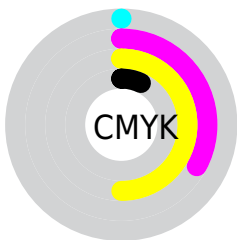
Distribution



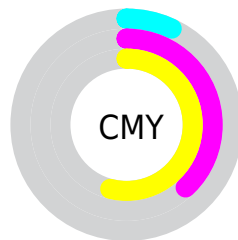
- Red (93%)
- Green (62%)
- Blue (46%)



- Red (93%)
- Yellow (70%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (50%)
- Black (7%)




- Cyan (7%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5946, 0.4296, 0.3739 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 43.5946, 0.4296, 0.3739 by changing the saturation by 10% instead.


 43.5946, 0.4296,
0.3739

 43.5946, 0.4296,
0.3739


361.0514, 0.3705,
0.3544


 30.3519, 0.4442,
0.3776


 80.6074, 0.4082,
0.3676

 20.1059, 0.4626,
0.3816


 105.1462, 0.4001,
0.3650

 12.4720, 0.4865,
0.3856


 134.2193, 0.3932,
0.3627

 7.0660, 0.5182,
0.3884

168.2110, 0.3874,
0.3606

 3.5034, 0.5680,
0.3917

207.5056, 0.3823,
0.3588

 1.3999, 0.6247,
0.3753

252.4876, 0.3778,

 0.2166, 0.7890,

0.3572

0.2110

303.5414, 0.3739,
0.3557

■ 0.0000, 0.0000,
0.0000

■ 43.5946, 0.4296,
0.3739

■ 43.5946, 0.4296,
0.3739

■ 38.1161, 0.4633,
0.3809

■ 49.8932, 0.3990,
0.3653

■ 33.4153, 0.4987,
0.3850

■ 57.0387, 0.3722,
0.3560

■ 29.4553, 0.5334,
0.3850

■ 65.0649, 0.3491,
0.3466

■ 26.1931, 0.5643,
0.3799

■ 74.0015, 0.3294,
0.3375

■ 23.5740, 0.5889,
0.3706

■ 83.8767, 0.3127,
0.3290

■ 94.4183, 0.3011,
0.3256

■ 96.5731, 0.3011,
0.3290

Harmonies

Analogous

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



43.5946, 0.4152, 0.3285



43.5946, 0.4296, 0.3739



43.5946, 0.4095, 0.4139

Triad

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



43.5946, 0.4296, 0.3739



43.5946, 0.2543, 0.3761



43.5946, 0.2562, 0.2382

Complementary

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



43.5946, 0.4296, 0.3739



49.3806, 0.2374, 0.2768

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.



43.5946, 0.2208, 0.2419



43.5946, 0.4296, 0.3739



43.5946, 0.2193, 0.3161

Square

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



43.5946, 0.4296, 0.3739



43.5946, 0.3069, 0.4231



43.5946, 0.2080, 0.2680



43.5946, 0.3098, 0.2543

Rectangle

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



43.5946, 0.4296, 0.3739



43.5946, 0.3811, 0.4314



43.5946, 0.2080, 0.2680



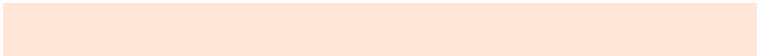
43.5946, 0.2421, 0.2371

Sweetspot

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



43.5968, 0.4296, 0.3739



82.6946, 0.3390, 0.3420



34.8037, 0.3585, 0.2441



17.2229, 0.3432, 0.3440



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.



43.5968, 0.4296, 0.3739



45.2909, 0.4642, 0.3810



68.4235, 0.3957, 0.4331



15.8889, 0.3284, 0.3370



13.2092, 0.5860, 0.3729



1.2096, 0.5592, 0.3942

Inverse Universe

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



49.3806, 0.2374, 0.2768



52.8134, 0.2244, 0.2639



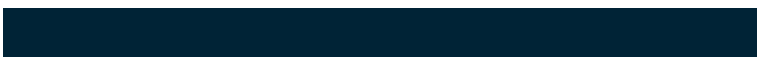
27.9864, 0.2218, 0.1961



16.2117, 0.2981, 0.3208



16.6893, 0.1929, 0.2143



1.4874, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 43.5946, 0.4296, 0.3739 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 43.5946, 0.4296, 0.3739 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 43.5946, 0.4296, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 43.5946, 0.4296, 0.3739.



This preview shows how white text looks on a background with the Yxy color 43.5946, 0.4296, 0.3739.

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

43.5946, 0.4296, 0.3739

Protanopia

43.8978, 0.3679, 0.3966

Deuteranopia

43.6339, 0.4018, 0.3941



Tritanopia

43.6261, 0.3907, 0.3170

Trichromacy



Original Color

43.5946, 0.4296, 0.3739

Protanomaly

43.4449, 0.3902, 0.3881

Deuteranomaly

43.5668, 0.4120, 0.3861

Tritanomaly

43.5685, 0.4056, 0.3371

Monochromacy



Original Color

43.5946, 0.4296, 0.3739

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1555, 0.3513, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5946, 0.4296, 0.3739 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(236, 158, 118)` looks like.

```
.text, #text, p{  
    color:rgb(236, 158, 118)  
}
```

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(236, 158, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 158, 118) }
```

Border

The CSS property to change the border of an element to Yxy 43.5946, 0.4296, 0.3739 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(236, 158, 118) }
```

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

```
.border{ border-color:rgb(236, 158, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 158, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 158, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 158, 118);  
box-shadow:4px 4px 4px 4px rgb(236, 158,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5946, 0.4296, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 158, 118) }
```

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

```
.background{ background-color: rgb(236,  
158, 118) }
```

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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