

Converting Colors

Yxy(39.4739, 0.4487, 0.3680)

Have a look what the booklet for
Yxy(39.4739, 0.4487, 0.3680)
contains.

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Color

Yxy(39.5321, 0.4490, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	EE916D
RGB	238, 145, 109
RGB Percent	93%, 57%, 43%
CMY	0.0665, 0.4314, 0.5725
CMYK	0.00, 0.39, 0.54, 0.07
HSL	17°, 79%, 68%
HSV	17°, 54%, 93%
XYZ	48.1549, 39.5321, 19.5623
YIQ	168.7030, 66.9840, 8.5200

Conversions

Conversions Part 2

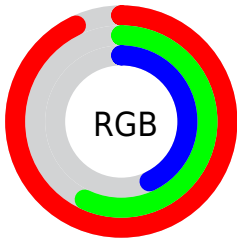
Format	Color
R _Y B	238, 159, 109
Decimal	15634797
CIE Lab	69.13, 31.64, 33.93
CIE LCh	69, 46.393, 47.001
Yxy	39.5321, 0.4490, 0.3686
Android (android.graphics.Color)	4293824877 (0xFFEE916D)
YUV	168.7030, -29.4336, 60.7735
Hunter-Lab	62.8746, 26.6807, 25.5652

Details

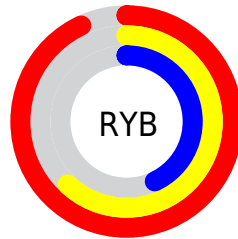
The Yxy color **39.5321, 0.4490, 0.3686** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.6952, 0.2340, 0.2822**, and the grayscale version is **39.6460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1418, 0.3879, 0.3698**, and **17.6306, 0.4882, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **34.2338, 0.4863, 0.3732**, and if you desaturate by 10%, it is **45.7659, 0.4149, 0.3621**.

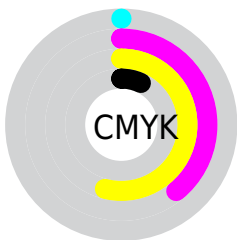
Distribution



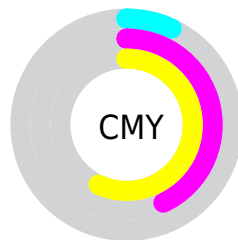
- Red (93%)
- Green (57%)
- Blue (43%)



- Red (93%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (7%)





- Cyan (7%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5321, 0.4490, 0.3686 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 39.5321, 0.4490, 0.3686 by changing the saturation by 10% instead.


 39.5321, 0.4490,
0.3686


 39.5321, 0.4490,
0.3686


344.1475, 0.3790,
0.3525

 27.1739, 0.4665,
0.3711


 74.4505, 0.4234,
0.3638

 17.7039, 0.4887,
0.3732


 97.7795, 0.4138,
0.3617

 10.7376, 0.5175,
0.3742


 125.5342, 0.4057,
0.3598

 5.8907, 0.5555,
0.3719

 158.0990, 0.3988,
0.3580

 2.7787, 0.6268,
0.3732

195.8584, 0.3929,
0.3565

 1.0173, 0.6721,
0.3279

239.1966, 0.3876,


 0.0000, 1.0000,


0.3550

0.0000

288.4982, 0.3831,
0.3537


 0.0000, 0.0000,
0.0000

 39.5321, 0.4490,
0.3686


 39.5321, 0.4490,
0.3686


 34.2338, 0.4863,
0.3732

 45.7659, 0.4149,
0.3621


 29.8180, 0.5247,
0.3745


 52.9725, 0.3849,
0.3546

 26.2352, 0.5606,
0.3717

 61.1945, 0.3593,
0.3468

 23.4277, 0.5902,
0.3643

 70.4702, 0.3376,
0.3391

 22.1235, 0.6039,
0.3587

 80.8357, 0.3194,
0.3319

■ 92.3253, 0.3042,
0.3252

■ 96.9233, 0.3024,
0.3290

Harmonies

Analogous

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



39.5321, 0.4246, 0.3172



39.5321, 0.4490, 0.3686



39.5321, 0.4317, 0.4176

Triad

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



39.5321, 0.4490, 0.3686



39.5321, 0.2549, 0.3979



39.5321, 0.2374, 0.2240

Complementary

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



39.5321, 0.4490, 0.3686



51.6952, 0.2340, 0.2822

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.



39.5321, 0.2023, 0.2321



39.5321, 0.4490, 0.3686



39.5321, 0.2107, 0.3262

Square

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



39.5321, 0.4490, 0.3686



39.5321, 0.3177, 0.4472



39.5321, 0.1930, 0.2662



39.5321, 0.2954, 0.2384

Rectangle

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



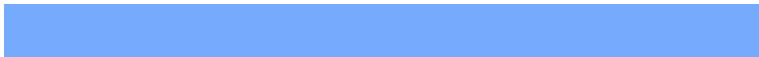
39.5321, 0.4490, 0.3686



39.5321, 0.4016, 0.4426



39.5321, 0.1930, 0.2662



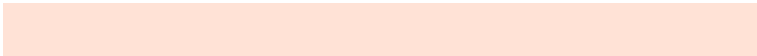
39.5321, 0.2229, 0.2240

Sweetspot

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



39.5341, 0.4490, 0.3686



80.2880, 0.3414, 0.3405



33.4642, 0.3541, 0.2297



16.6936, 0.3457, 0.3421



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.



39.5341, 0.4490, 0.3686



39.4441, 0.4903, 0.3735



64.3649, 0.4075, 0.4330



16.4763, 0.3286, 0.3357



12.5257, 0.6011, 0.3609



1.2037, 0.5754, 0.3813

Inverse Universe

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



51.6952, 0.2340, 0.2822



54.8506, 0.2218, 0.2707



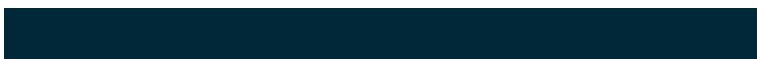
27.9253, 0.2159, 0.1945



17.1404, 0.2981, 0.3223



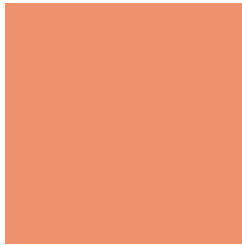
20.0566, 0.1988, 0.2357



1.8351, 0.2026, 0.2495

Previews

White Background



This preview shows how the Yxy color 39.5321, 0.4490, 0.3686 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 39.5321, 0.4490, 0.3686 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 39.5321, 0.4490, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 39.5321, 0.4490, 0.3686.



This preview shows how white text looks on a background with the Yxy color 39.5321, 0.4490, 0.3686.

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

39.5321, 0.4490, 0.3686

Protanopia

39.7751, 0.3705, 0.3978

Deuteranopia

39.7186, 0.4070, 0.3999



Tritanopia

39.6589, 0.4105, 0.3182

Trichromacy



Original Color

39.5321, 0.4490, 0.3686

Protanomaly

39.0759, 0.3989, 0.3869

Deuteranomaly

39.4374, 0.4220, 0.3883

Tritanomaly

39.6205, 0.4252, 0.3371

Monochromacy



Original Color

39.5321, 0.4490, 0.3686

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7175, 0.3587, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5321, 0.4490, 0.3686 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(238, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(238, 145, 109)  
}
```

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(238, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 145, 109) }
```

Border

The CSS property to change the border of an element to Yxy 39.5321, 0.4490, 0.3686 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(238, 145, 109) }
```

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

```
.border{ border-color:rgb(238, 145, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 145, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 145, 109);  
box-shadow:4px 4px 4px 4px rgb(238, 145,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5321, 0.4490, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 145, 109) }
```

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

```
.background{ background-color: rgb(238,  
145, 109) }
```

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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