

Converting Colors

Yxy(36.3714, 0.4808, 0.3908)

Have a look what the booklet for
Yxy(36.3714, 0.4808, 0.3908)
contains.

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Color

Yxy(36.3892, 0.4810, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	EB8A4E
RGB	235, 138, 78
RGB Percent	92%, 54%, 31%
CMY	0.0783, 0.4589, 0.6941
CMYK	0.00, 0.41, 0.67, 0.08
HSL	23°, 80%, 61%
HSV	23°, 67%, 92%
XYZ	44.7309, 36.3892, 11.8755
YIQ	160.1630, 77.0720, 1.9040

Conversions

Conversions Part 2

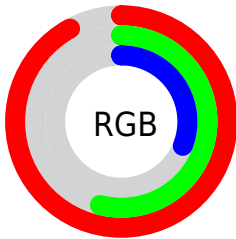
Format	Color
R _Y B	235, 175, 78
Decimal	15436366
CIE Lab	66.82, 31.95, 47.23
CIE LCh	67, 57.023, 55.920
Yxy	36.3892, 0.4810, 0.3913
Android (android.graphics.Color)	4293626446 (0xFFEB8A4E)
YUV	160.1630, -40.5064, 65.6320
Hunter-Lab	60.3235, 26.7948, 30.5543

Details

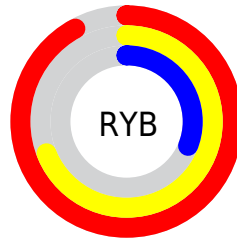
The Yxy color **36.3892, 0.4810, 0.3913** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **38.2962, 0.2146, 0.2455**, and the grayscale version is **35.3979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5443, 0.4168, 0.3940**, and **15.9038, 0.5257, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **32.2196, 0.5141, 0.3936**, and if you desaturate by 10%, it is **41.2403, 0.4479, 0.3852**.

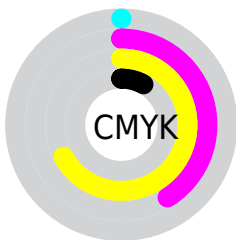
Distribution



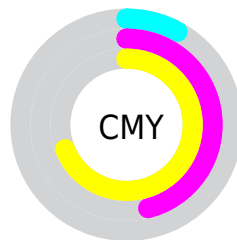
- Red (92%)
- Green (54%)
- Blue (31%)



- Red (92%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3892, 0.4810, 0.3913 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 36.3892, 0.4810, 0.3913 by changing the saturation by 10% instead.


 36.3892, 0.4810,
0.3913


 36.3892, 0.4810,
0.3913


330.6585, 0.3954,
0.3667


 24.7349, 0.5014,
0.3944


 69.6324, 0.4503,
0.3845


 15.8797, 0.5264,
0.3963

 91.9901, 0.4386,
0.3812


 9.4391, 0.5569,
0.3951


 118.6843, 0.4286,
0.3782

 5.0287, 0.6055,
0.3945

 150.0996, 0.4200,
0.3755

 2.2641, 0.6365,
0.3635

 186.6203, 0.4126,
0.3730

 0.7546, 0.6903,
0.3097

228.6307, 0.4061,

 0.0000, 1.0000,

0.3707

0.0000

276.5153, 0.4004,
0.3686

0.0000, 0.0000,
0.0000

36.3892, 0.4810,
0.3913

36.3892, 0.4810,
0.3913

32.2196, 0.5141,
0.3936

41.2403, 0.4479,
0.3852

28.6905, 0.5447,
0.3909

46.7995, 0.4167,
0.3765


25.7629, 0.5700,
0.3829

53.0985, 0.3885,
0.3664

24.9420, 0.5773,
0.3798


60.1654, 0.3637,
0.3559

68.0264, 0.3421,
0.3454

 76.7065, 0.3237,
0.3355

 86.2295, 0.3080,
0.3261

 95.8874, 0.3006,
0.3282

 96.4063, 0.3006,
0.3290

Harmonies

Analogous

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



36.3892, 0.4686, 0.3296



36.3892, 0.4810, 0.3913



36.3892, 0.4428, 0.4504

Triad

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



36.3892, 0.4810, 0.3913



36.3892, 0.2203, 0.3901



36.3892, 0.2376, 0.2042

Complementary

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



36.3892, 0.4810, 0.3913



38.2962, 0.2146, 0.2455

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.



36.3892, 0.1876, 0.2043



36.3892, 0.4810, 0.3913



36.3892, 0.1776, 0.2975

Square

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



36.3892, 0.4810, 0.3913



36.3892, 0.2915, 0.4695



36.3892, 0.1675, 0.2335



36.3892, 0.3154, 0.2285

Rectangle

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



36.3892, 0.4810, 0.3913



36.3892, 0.3985, 0.4795



36.3892, 0.1675, 0.2335



36.3892, 0.2176, 0.2013

Sweetspot

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



36.3911, 0.4810, 0.3913



78.6533, 0.3489, 0.3488



26.3089, 0.3883, 0.2271



16.2616, 0.3549, 0.3518



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.



36.3911, 0.4810, 0.3913



37.1813, 0.5254, 0.3932



66.3547, 0.4178, 0.4642



15.9973, 0.3283, 0.3381



14.1062, 0.5744, 0.3821



1.2885, 0.5486, 0.4026

Inverse Universe

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



38.2962, 0.2146, 0.2455



39.3954, 0.2010, 0.2252



16.5330, 0.1887, 0.1381



16.0992, 0.2981, 0.3198



14.9015, 0.1886, 0.1989



1.3550, 0.1942, 0.2189

Previews

White Background



This preview shows how the Yxy color 36.3892, 0.4810, 0.3913 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 36.3892, 0.4810, 0.3913 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 36.3892, 0.4810, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 36.3892, 0.4810, 0.3913.



This preview shows how white text looks on a background with the Yxy color 36.3892, 0.4810, 0.3913.

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

36.3892, 0.4810, 0.3913

Protanopia

36.5696, 0.3988, 0.4340

Deuteranopia

36.4937, 0.4371, 0.4275



Tritanopia

36.4768, 0.4241, 0.3194

Trichromacy



Original Color

36.3892, 0.4810, 0.3913

Protanomaly

36.0151, 0.4288, 0.4181

Deuteranomaly

36.2990, 0.4537, 0.4143

Tritanomaly

36.5117, 0.4480, 0.3480

Monochromacy



Original Color

36.3892, 0.4810, 0.3913

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6330, 0.3712, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3892, 0.4810, 0.3913 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(235, 138, 78)` looks like.

```
.text, #text, p{  
    color:rgb(235, 138, 78)  
}
```

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(235, 138, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 138, 78) }
```

Border

The CSS property to change the border of an element to Yxy 36.3892, 0.4810, 0.3913 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(235, 138, 78) }
```

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

```
.border{ border-color:rgb(235, 138, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 138, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 138, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 138, 78);  
box-shadow:4px 4px 4px 4px rgb(235, 138,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3892, 0.4810, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 138, 78) }
```

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

```
.background{ background-color: rgb(235,  
138, 78) }
```

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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