

Converting Colors

Yxy(34.9190, 0.4748, 0.3944)

Have a look what the booklet for
Yxy(34.9190, 0.4748, 0.3944)
contains.

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Color

Yxy(35.0437, 0.4746, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	E38A4D
RGB	227, 138, 77
RGB Percent	89%, 54%, 30%
CMY	0.1098, 0.4588, 0.6980
CMYK	0.00, 0.39, 0.66, 0.11
HSL	24°, 73%, 60%
HSV	24°, 66%, 89%
XYZ	42.1057, 35.0437, 11.5689
YIQ	157.6570, 72.6250, -0.1030

Conversions

Conversions Part 2

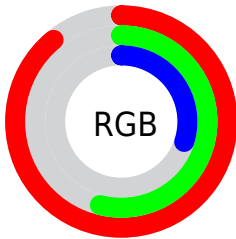
Format	Color
R _{YB}	227, 180, 77
Decimal	14912077
CIE Lab	65.78, 28.65, 46.28
CIE LCh	66, 54.426, 58.243
Yxy	35.0437, 0.4746, 0.3950
Android (android.graphics.Color)	4293102157 (0xFFE38A4D)
YUV	157.6570, -39.7639, 60.8138
Hunter-Lab	59.1977, 23.3660, 29.8515

Details

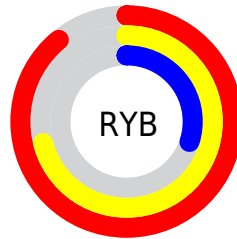
The Yxy color **35.0437, 0.4746, 0.3950** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **34.3971, 0.2142, 0.2411**, and the grayscale version is **34.1892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5178, 0.4176, 0.3949**, and **15.1157, 0.5193, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **31.1505, 0.5065, 0.3982**, and if you desaturate by 10%, it is **39.5316, 0.4428, 0.3880**.

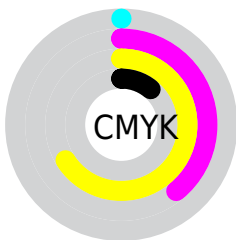
Distribution



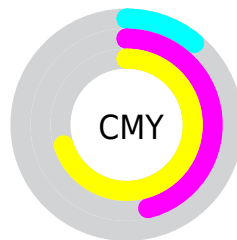
- Red (89%)
- Green (54%)
- Blue (30%)



- Red (89%)
- Yellow (71%)
- Blue (30%)



- Cyan (0%)
- Magenta (39%)
- Yellow (66%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0437, 0.4746, 0.3950 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 35.0437, 0.4746, 0.3950 by changing the saturation by 10% instead.


 35.0437, 0.4746,
0.3950


 35.0437, 0.4746,
0.3950


324.7612, 0.3917,
0.3678


 23.6965, 0.4945,
0.3989


 67.5535, 0.4447,
0.3870

 15.1087, 0.5190,
0.4019


 89.4849, 0.4334,
0.3834


 8.8957, 0.5490,
0.4021


 115.7131, 0.4237,
0.3801

 4.6732, 0.5968,
0.4032

 146.6226, 0.4155,
0.3771

 2.0568, 0.6269,
0.3731

 182.5978, 0.4083,
0.3744

 0.6402, 0.6861,
0.3139

224.0230, 0.4021,

 0.0000, 1.0000,

0.3720

0.0000

271.2827, 0.3966,
0.3698

■ 0.0000, 0.0000,
0.0000

■ 35.0437, 0.4746,
0.3950

■ 35.0437, 0.4746,
0.3950

■ 31.1505, 0.5065,
0.3982

■ 39.5316, 0.4428,
0.3880

■ 27.8169, 0.5362,
0.3964

■ 44.6358, 0.4127,
0.3786


■ 25.0111, 0.5612,
0.3893


■ 50.3832, 0.3855,
0.3679


■ 24.0386, 0.5700,
0.3856


■ 56.7972, 0.3614,
0.3567

■ 63.9000, 0.3405,
0.3457

 71.7125, 0.3224,
0.3351

 80.2549, 0.3069,
0.3252

 89.3114, 0.2956,
0.3196

 95.0699, 0.2958,
0.3290

Harmonies

Analogous

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



35.0437, 0.4663, 0.3347



35.0437, 0.4746, 0.3950



35.0437, 0.4350, 0.4512

Triad

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



35.0437, 0.4746, 0.3950



35.0437, 0.2190, 0.3809



35.0437, 0.2449, 0.2086

Complementary

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



35.0437, 0.4746, 0.3950



34.3971, 0.2142, 0.2411

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.



35.0437, 0.1938, 0.2068



35.0437, 0.4746, 0.3950



35.0437, 0.1795, 0.2929

Square

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



35.0437, 0.4746, 0.3950



35.0437, 0.2866, 0.4600



35.0437, 0.1719, 0.2332



35.0437, 0.3221, 0.2341

Rectangle

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



35.0437, 0.4746, 0.3950



35.0437, 0.3909, 0.4771



35.0437, 0.1719, 0.2332



35.0437, 0.2247, 0.2052

Sweetspot

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



35.0455, 0.4746, 0.3950



79.3299, 0.3486, 0.3501



24.4301, 0.3940, 0.2330



16.4226, 0.3546, 0.3532



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.



35.0455, 0.4746, 0.3950



38.9830, 0.5171, 0.3982



63.9508, 0.4132, 0.4671



15.3255, 0.3282, 0.3386



14.2359, 0.5673, 0.3877



1.2307, 0.5409, 0.4087

Inverse Universe

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



34.3971, 0.2142, 0.2411



37.9076, 0.2000, 0.2197



14.7810, 0.1887, 0.1344



15.3018, 0.2981, 0.3192



13.5236, 0.1862, 0.1903



1.1807, 0.1924, 0.2126

Previews

White Background



This preview shows how the Yxy color 35.0437, 0.4746, 0.3950 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 35.0437, 0.4746, 0.3950 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 35.0437, 0.4746, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 35.0437, 0.4746, 0.3950.



This preview shows how white text looks on a background with the Yxy color 35.0437, 0.4746, 0.3950.

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

35.0437, 0.4746, 0.3950

Protanopia

35.1288, 0.3993, 0.4342

Deuteranopia

34.9567, 0.4357, 0.4260



Tritanopia

35.1150, 0.4161, 0.3190

Trichromacy



Original Color

35.0437, 0.4746, 0.3950

Protanomaly

34.6527, 0.4270, 0.4201

Deuteranomaly

34.9307, 0.4506, 0.4142

Tritanomaly

35.1575, 0.4402, 0.3488

Monochromacy



Original Color

35.0437, 0.4746, 0.3950

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7855, 0.3684, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0437, 0.4746, 0.3950 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, 138, 77)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 77)  
}
```

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, 138, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 77) }
```

Border

The CSS property to change the border of an element to Yxy 35.0437, 0.4746, 0.3950 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, 138, 77) }
```

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

```
.border{ border-color:rgb(227, 138, 77) }
```

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

Here you see how a box with a 4 pixel rgb(227, 138, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 77);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
77) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 35.0437, 0.4746, 0.3950$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 77) }
```

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

```
.background{ background-color: rgb(227,  
138, 77) }
```

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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