

Converting Colors

$Y_{xy}(35.5064, 0.4655, 0.3946)$

Have a look what the booklet for
Yxy(35.5064, 0.4655, 0.3946)
contains.

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Color

Yxy(35.5062, 0.4647, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	E08D52
RGB	224, 141, 82
RGB Percent	88%, 55%, 32%
CMY	0.1215, 0.4471, 0.6784
CMYK	0.00, 0.37, 0.63, 0.12
HSL	25°, 70%, 60%
HSV	25°, 63%, 88%
XYZ	41.7926, 35.5062, 12.6358
YIQ	159.0910, 68.4070, -0.7530

Conversions

Conversions Part 2

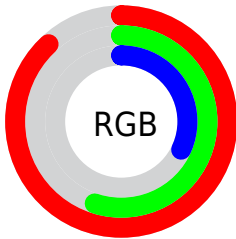
Format	Color
R _Y B	224, 183, 82
Decimal	14716242
CIE Lab	66.14, 26.15, 44.07
CIE LCh	66, 51.245, 59.311
Yxy	35.5062, 0.4647, 0.3948
Android (android.graphics.Color)	4292906322 (0xFFE08D52)
YUV	159.0910, -38.0059, 56.9252
Hunter-Lab	59.5871, 20.9173, 29.1381

Details

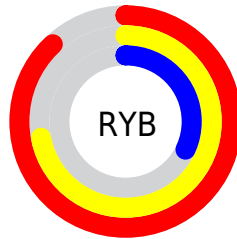
The Yxy color **35.5062, 0.4647, 0.3948** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **34.0999, 0.2171, 0.2436**, and the grayscale version is **34.8700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9837, 0.4121, 0.3930**, and **15.3146, 0.5072, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **31.5842, 0.4964, 0.3993**, and if you desaturate by 10%, it is **39.9999, 0.4336, 0.3868**.

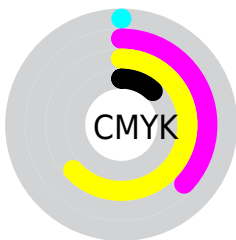
Distribution



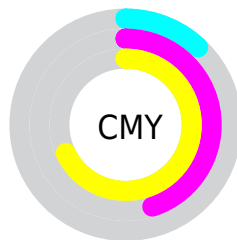
- Red (88%)
- Green (55%)
- Blue (32%)



- Red (88%)
- Yellow (72%)
- Blue (32%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (12%)





- Cyan (12%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5062, 0.4647, 0.3948 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 35.5062, 0.4647, 0.3948 by changing the saturation by 10% instead.


 35.5062, 0.4647,
0.3948


 35.5062, 0.4647,
0.3948


326.7971, 0.3867,
0.3667

 24.0531, 0.4836,
0.3993


 68.2692, 0.4365,
0.3862


 15.3730, 0.5070,
0.4034


 90.3479, 0.4258,
0.3825

 9.0816, 0.5361,
0.4054


 116.7372, 0.4168,
0.3791

 4.7944, 0.5838,
0.4102

 147.8215, 0.4090,
0.3761

 2.1272, 0.6149,
0.3851

 183.9853, 0.4023,
0.3734

 0.6798, 0.6678,
0.3322

225.6129, 0.3965,

 0.0000, 1.0000,

0.3709

0.0000

273.0887, 0.3913,
0.3687

0.0000, 0.0000,
0.0000

35.5062, 0.4647,
0.3948

35.5062, 0.4647,
0.3948

31.5842, 0.4964,
0.3993

39.9999, 0.4336,
0.3868

28.2013, 0.5265,
0.3992

45.0846, 0.4046,
0.3767

25.3289, 0.5526,
0.3937

50.7854, 0.3784,
0.3656

23.6870, 0.5674,
0.3877

57.1239, 0.3554,
0.3542

64.1205, 0.3353,
0.3430

■ 71.7948, 0.3180,
0.3324

■ 80.1655, 0.3032,
0.3225

■ 88.8426, 0.2938,
0.3196

■ 94.5899, 0.2941,
0.3289

Harmonies

Analogous

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



35.5062, 0.4580, 0.3373



35.5062, 0.4647, 0.3948



35.5062, 0.4268, 0.4467

Triad

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



35.5062, 0.4647, 0.3948



35.5062, 0.2228, 0.3746



35.5062, 0.2512, 0.2152

Complementary

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



35.5062, 0.4647, 0.3948



34.0999, 0.2171, 0.2436

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.



35.5062, 0.2014, 0.2130



35.5062, 0.4647, 0.3948



35.5062, 0.1859, 0.2932

Square

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



35.5062, 0.4647, 0.3948



35.5062, 0.2863, 0.4488



35.5062, 0.1794, 0.2376



35.5062, 0.3247, 0.2403

Rectangle

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



35.5062, 0.4647, 0.3948



35.5062, 0.3849, 0.4692



35.5062, 0.1794, 0.2376



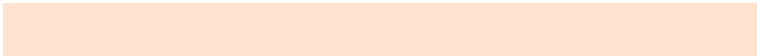
35.5062, 0.2316, 0.2118

Sweetspot

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



35.5080, 0.4647, 0.3948



80.5031, 0.3465, 0.3494



24.6847, 0.3892, 0.2357



16.6644, 0.3524, 0.3526



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.



35.5080, 0.4647, 0.3948



40.8549, 0.5062, 0.3999



62.4619, 0.4098, 0.4632



14.6312, 0.3282, 0.3388



14.0002, 0.5647, 0.3898



1.1441, 0.5371, 0.4117

Inverse Universe

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



34.0999, 0.2171, 0.2436



38.6854, 0.2023, 0.2222



15.5821, 0.1937, 0.1428



14.5681, 0.2981, 0.3190



12.8068, 0.1854, 0.1874



1.0632, 0.1921, 0.2114

Previews

White Background



This preview shows how the Yxy color 35.5062, 0.4647, 0.3948 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 35.5062, 0.4647, 0.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

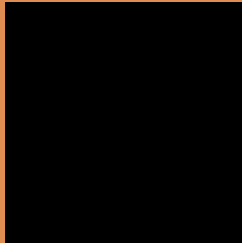
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5062, 0.4647, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 35.5062, 0.4647, 0.3948.



This preview shows how white text looks on a background with the Yxy color 35.5062, 0.4647, 0.3948.

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

35.5062, 0.4647, 0.3948

Protanopia

35.5581, 0.3945, 0.4293

Deuteranopia

35.4891, 0.4319, 0.4216



Tritanopia

35.5578, 0.4069, 0.3176

Trichromacy



Original Color

35.5062, 0.4647, 0.3948

Protanomaly

35.2524, 0.4201, 0.4173

Deuteranomaly

35.4840, 0.4437, 0.4120

Tritanomaly

35.6027, 0.4308, 0.3480

Monochromacy



Original Color

35.5062, 0.4647, 0.3948

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1624, 0.3659, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5062, 0.4647, 0.3948 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(224, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 141, 82)  
}
```

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(224, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 141, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.5062, 0.4647, 0.3948 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(224, 141, 82) }
```

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

```
.border{ border-color:rgb(224, 141, 82) }
```

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

Here you see how a box with a 4 pixel rgb(224, 141, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 141,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5062, 0.4647, 0.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 141, 82) }
```

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

```
.background{ background-color: rgb(224,  
141, 82) }
```

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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