

Converting Colors

$Y_{xy}(35.9495, 0.4494, 0.3801)$

Have a look what the booklet for
Yxy(35.9495, 0.4494, 0.3801)
contains.

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Color

Yxy(36.0564, 0.4498, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	E08E61
RGB	224, 142, 97
RGB Percent	88%, 56%, 38%
CMY	0.1214, 0.4432, 0.6196
CMYK	0.00, 0.37, 0.57, 0.12
HSL	21°, 67%, 63%
HSV	21°, 57%, 88%
XYZ	42.5785, 36.0564, 16.0261
YIQ	161.3880, 63.3170, 3.3890

Conversions

Conversions Part 2

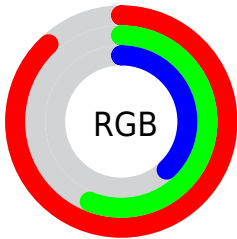
Format	Color
R_{YB}	224, 167, 97
Decimal	14716513
CIE Lab	66.56, 26.70, 36.75
CIE LCh	67, 45.430, 53.999
Yxy	36.0564, 0.4498, 0.3809
Android (android.graphics.Color)	4292906593 (0xFFE08E61)
YUV	161.3880, -31.7433, 54.9107
Hunter-Lab	60.0470, 21.4899, 26.2088

Details

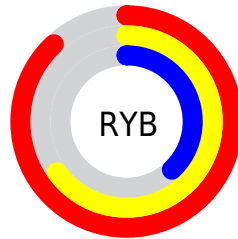
The Yxy color **36.0564, 0.4498, 0.3809** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **40.1850, 0.2283, 0.2658**, and the grayscale version is **35.9603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8780, 0.3999, 0.3791**, and **15.7033, 0.4903, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **31.6681, 0.4841, 0.3865**, and if you desaturate by 10%, it is **41.1252, 0.4177, 0.3729**.

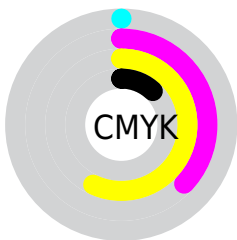
Distribution



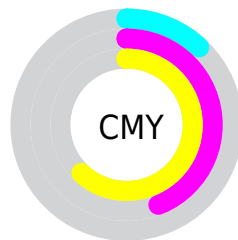
- Red (88%)
- Green (56%)
- Blue (38%)



- Red (88%)
- Yellow (65%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (57%)
- Black (12%)




- Cyan (12%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0564, 0.4498, 0.3809 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 36.0564, 0.4498, 0.3809 by changing the saturation by 10% instead.


 36.0564, 0.4498,
0.3809


 36.0564, 0.4498,
0.3809


329.2070, 0.3787,
0.3585

 24.4778, 0.4676,
0.3848


 69.1191, 0.4237,
0.3739

 15.6884, 0.4902,
0.3885


 91.3720, 0.4140,
0.3709

 9.3039, 0.5194,
0.3912


 117.9517, 0.4058,
0.3682

 4.9400, 0.5588,
0.3911

 149.2427, 0.3988,
0.3658

 2.2121, 0.6158,
0.3842

185.6293, 0.3927,
0.3637

 0.7266, 0.6659,
0.3341

227.4959, 0.3875,

 0.0000, 1.0000,

0.3618

0.0000

275.2271, 0.3828,
0.3600

0.0000, 0.0000,
0.0000

36.0564, 0.4498,
0.3809

36.0564, 0.4498,
0.3809

31.6681, 0.4841,
0.3865

41.1252, 0.4177,
0.3729

27.9234, 0.5185,
0.3883

46.8984, 0.3889,
0.3636

24.7893, 0.5504,
0.3854

53.4051, 0.3637,
0.3538


22.2263, 0.5767,
0.3773

60.6711, 0.3420,
0.3441

21.4926, 0.5844,
0.3742

68.7209, 0.3235,
0.3349

 77.5777, 0.3078,
0.3262

 87.2639, 0.2945,
0.3182

 94.5922, 0.2941,
0.3289

Harmonies

Analogous

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



36.0564, 0.4352, 0.3289



36.0564, 0.4498, 0.3809



36.0564, 0.4235, 0.4282

Triad

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



36.0564, 0.4498, 0.3809



36.0564, 0.2418, 0.3823



36.0564, 0.2485, 0.2246

Complementary

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



36.0564, 0.4498, 0.3809



40.1850, 0.2283, 0.2658

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.



36.0564, 0.2074, 0.2272



36.0564, 0.4498, 0.3809



36.0564, 0.2031, 0.3100

Square

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



36.0564, 0.4498, 0.3809



36.0564, 0.3020, 0.4407



36.0564, 0.1918, 0.2550



36.0564, 0.3113, 0.2439

Rectangle

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



36.0564, 0.4498, 0.3809



36.0564, 0.3891, 0.4498



36.0564, 0.1918, 0.2550



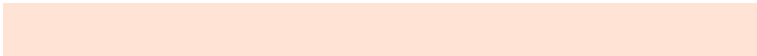
36.0564, 0.2321, 0.2229

Sweetspot

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



36.0582, 0.4498, 0.3809



80.9347, 0.3429, 0.3445



27.6808, 0.3697, 0.2368



16.8853, 0.3470, 0.3465



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.



36.0582, 0.4498, 0.3809



41.5096, 0.4903, 0.3871



60.3672, 0.4049, 0.4466



14.4907, 0.3283, 0.3374



12.7031, 0.5817, 0.3764



1.0452, 0.5521, 0.3998

Inverse Universe

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



40.1850, 0.2283, 0.2658



47.3995, 0.2145, 0.2499



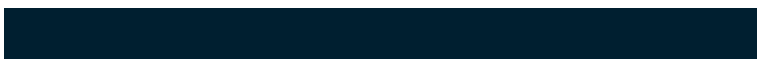
20.4301, 0.2084, 0.1728



14.7129, 0.2982, 0.3205



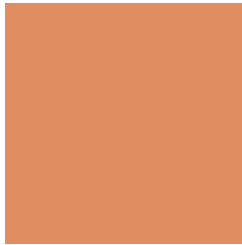
15.0866, 0.1914, 0.2092



1.2125, 0.1972, 0.2297

Previews

White Background



This preview shows how the Yxy color 36.0564, 0.4498, 0.3809 looks on a white background.

Color Contrast Check

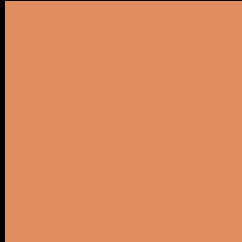
Large Text (above 18pt) WCAG AA × Fail

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 36.0564, 0.4498, 0.3809 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 36.0564, 0.4498, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 36.0564, 0.4498, 0.3809.



This preview shows how white text looks on a background with the Yxy color 36.0564, 0.4498, 0.3809.

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

36.0564, 0.4498, 0.3809

Protanopia

36.2077, 0.3801, 0.4096

Deuteranopia

36.1212, 0.4154, 0.4081



Tritanopia

36.1776, 0.4037, 0.3176

Trichromacy



Original Color

36.0564, 0.4498, 0.3809

Protanomaly

35.8713, 0.4049, 0.3994

Deuteranomaly

35.9043, 0.4285, 0.3975

Tritanomaly

36.0664, 0.4223, 0.3410

Monochromacy



Original Color

36.0564, 0.4498, 0.3809

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1365, 0.3592, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0564, 0.4498, 0.3809 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, 142, 97)` looks like.

```
.text, #text, p{  
    color:rgb(224, 142, 97)  
}
```

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, 142, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 142, 97) }
```

Border

The CSS property to change the border of an element to Yxy 36.0564, 0.4498, 0.3809 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, 142, 97) }
```

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

```
.border{ border-color:rgb(224, 142, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 142, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 142, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 142, 97);  
box-shadow:4px 4px 4px 4px rgb(224, 142,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0564, 0.4498, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 142, 97) }
```

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

```
.background{ background-color: rgb(224,  
142, 97) }
```

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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