

Converting Colors

$Y_{xy}(35.6569, 0.4466, 0.3688)$

Have a look what the booklet for
Yxy(35.6569, 0.4466, 0.3688)
contains.

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Color

Yxy(35.6539, 0.4459, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	E28B69
RGB	226, 139, 105
RGB Percent	89%, 55%, 41%
CMY	0.1136, 0.4550, 0.5882
CMYK	0.00, 0.39, 0.54, 0.11
HSL	17°, 68%, 65%
HSV	17°, 54%, 89%
XYZ	43.1544, 35.6539, 17.9721
YIQ	161.1370, 62.7660, 7.8700

Conversions

Conversions Part 2

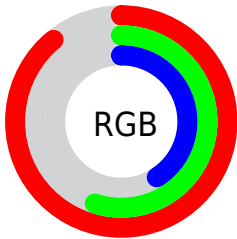
Format	Color
R _Y B	226, 152, 105
Decimal	14846825
CIE Lab	66.25, 29.75, 32.11
CIE LCh	66, 43.773, 47.184
Yxy	35.6539, 0.4459, 0.3684
Android (android.graphics.Color)	4293036905 (0xFFE28B69)
YUV	161.1370, -27.6755, 56.8849
Hunter-Lab	59.7109, 24.5119, 23.9522

Details

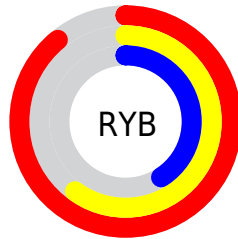
The Yxy color **35.6539, 0.4459, 0.3684** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.2166, 0.2350, 0.2827**, and the grayscale version is **35.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8342, 0.3939, 0.3668**, and **15.4903, 0.4864, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **30.8887, 0.4828, 0.3732**, and if you desaturate by 10%, it is **41.2462, 0.4123, 0.3617**.

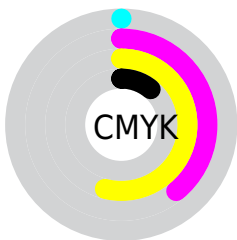
Distribution



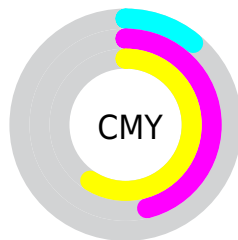
- Red (89%)
- Green (55%)
- Blue (41%)



- Red (89%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6539, 0.4459, 0.3684 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 35.6539, 0.4459, 0.3684 by changing the saturation by 10% instead.


 35.6539, 0.4459,
0.3684


 35.6539, 0.4459,
0.3684


327.4453, 0.3763,
0.3519


 24.1670, 0.4637,
0.3711


 68.4975, 0.4202,
0.3634


 15.4576, 0.4866,
0.3734

 90.6231, 0.4106,
0.3612

 9.1411, 0.5166,
0.3746


 117.0636, 0.4026,
0.3592

 4.8334, 0.5570,
0.3722

 148.2036, 0.3957,
0.3574

 2.1498, 0.6297,
0.3703

184.4273, 0.3899,
0.3558

 0.6924, 0.6855,
0.3145

226.1192, 0.3847,

 0.0000, 1.0000,

0.3544

0.0000

273.6638, 0.3803,
0.3531

0.0000, 0.0000,
0.0000

35.6539, 0.4459,
0.3684

35.6539, 0.4459,
0.3684

30.8887, 0.4828,
0.3732

41.2462, 0.4123,
0.3617

26.9044, 0.5210,
0.3749

47.6980, 0.3828,
0.3541

23.6582, 0.5572,
0.3725

55.0465, 0.3575,
0.3463

21.1000, 0.5873,
0.3655

63.3250, 0.3362,
0.3387

19.7815, 0.6029,
0.3595

72.5649, 0.3183,
0.3314

■ 82.7965, 0.3033,
0.3247

■ 93.5071, 0.2952,
0.3267

■ 94.9142, 0.2952,
0.3289

Harmonies

Analogous

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



35.6539, 0.4222, 0.3179



35.6539, 0.4459, 0.3684



35.6539, 0.4290, 0.4162

Triad

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



35.6539, 0.4459, 0.3684



35.6539, 0.2560, 0.3957



35.6539, 0.2393, 0.2261

Complementary

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



35.6539, 0.4459, 0.3684



46.2166, 0.2350, 0.2827

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.



35.6539, 0.2047, 0.2341



35.6539, 0.4459, 0.3684



35.6539, 0.2127, 0.3261

Square

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



35.6539, 0.4459, 0.3684



35.6539, 0.3174, 0.4440



35.6539, 0.1954, 0.2674



35.6539, 0.2963, 0.2403

Rectangle

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



35.6539, 0.4459, 0.3684



35.6539, 0.3995, 0.4404



35.6539, 0.1954, 0.2674



35.6539, 0.2251, 0.2261

Sweetspot

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



35.6557, 0.4459, 0.3684



80.3314, 0.3413, 0.3406



30.1619, 0.3533, 0.2310



16.7039, 0.3456, 0.3422



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.



35.6557, 0.4459, 0.3684



40.0991, 0.4862, 0.3735



57.4877, 0.4060, 0.4317



14.3240, 0.3285, 0.3356



11.4551, 0.6002, 0.3617



0.9429, 0.5697, 0.3859

Inverse Universe

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



46.2166, 0.2350, 0.2827



55.1712, 0.2227, 0.2713



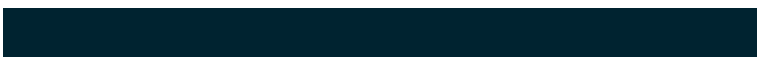
25.3377, 0.2174, 0.1969



14.8877, 0.2982, 0.3223



18.1937, 0.1987, 0.2353



1.4101, 0.2032, 0.2515

Previews

White Background



This preview shows how the Yxy color 35.6539, 0.4459, 0.3684 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 35.6539, 0.4459, 0.3684 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 35.6539, 0.4459, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 35.6539, 0.4459, 0.3684.



This preview shows how white text looks on a background with the Yxy color 35.6539, 0.4459, 0.3684.

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

35.6539, 0.4459, 0.3684

Protanopia

35.7033, 0.3693, 0.3967

Deuteranopia

35.6726, 0.4066, 0.3978



Tritanopia

35.7218, 0.4079, 0.3176

Trichromacy



Original Color

35.6539, 0.4459, 0.3684

Protanomaly

35.2676, 0.3964, 0.3856

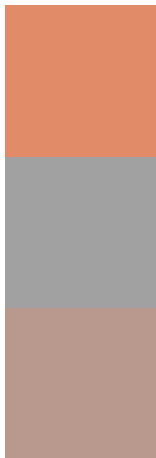
Deuteranomaly

35.5960, 0.4205, 0.3873

Tritanomaly

35.7140, 0.4221, 0.3363

Monochromacy



Original Color

35.6539, 0.4459, 0.3684

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0198, 0.3575, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6539, 0.4459, 0.3684 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(226, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(226, 139, 105)  
}
```

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(226, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 139, 105) }
```

Border

The CSS property to change the border of an element to Yxy 35.6539, 0.4459, 0.3684 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(226, 139, 105) }
```

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

```
.border{ border-color:rgb(226, 139, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 139, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(226, 139,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6539, 0.4459, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 139, 105) }
```

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

```
.background{ background-color: rgb(226,  
139, 105) }
```

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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