

Converting Colors

$Y_{xy}(35.0808, 0.4439, 0.3836)$

Have a look what the booklet for
Yxy(35.0808, 0.4439, 0.3836)
contains.

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Color

Yxy(35.0960, 0.4448, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	DA8E60
RGB	218, 142, 96
RGB Percent	85%, 56%, 38%
CMY	0.1452, 0.4431, 0.6235
CMYK	0.00, 0.35, 0.56, 0.15
HSL	23°, 62%, 62%
HSV	23°, 56%, 85%
XYZ	40.6953, 35.0960, 15.6999
YIQ	159.4800, 60.0620, 1.8060

Conversions

Conversions Part 2

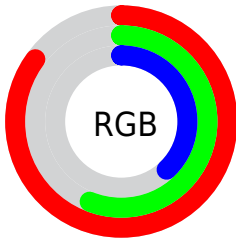
Format	Color
R _Y B	218, 170, 96
Decimal	14323296
CIE Lab	65.82, 24.17, 36.20
CIE LCh	66, 43.524, 56.273
Yxy	35.0960, 0.4448, 0.3836
Android (android.graphics.Color)	4292513376 (0xFFDA8E60)
YUV	159.4800, -31.2956, 51.3220
Hunter-Lab	59.2419, 18.9444, 25.7567

Details

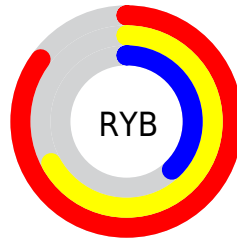
The Yxy color **35.0960, 0.4448, 0.3836** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0509, 0.2285, 0.2627**, and the grayscale version is **35.0298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8464, 0.4007, 0.3801**, and **15.0665, 0.4841, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **30.9524, 0.4778, 0.3900**, and if you desaturate by 10%, it is **39.8467, 0.4138, 0.3749**.

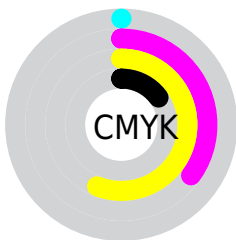
Distribution



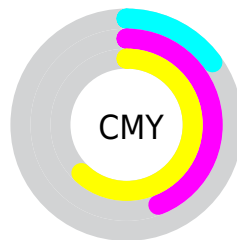
- Red (85%)
- Green (56%)
- Blue (38%)



- Red (85%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0960, 0.4448, 0.3836 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 35.0960, 0.4448, 0.3836 by changing the saturation by 10% instead.


 35.0960, 0.4448,
0.3836


 35.0960, 0.4448,
0.3836


324.9919, 0.3761,
0.3593

 23.7368, 0.4622,
0.3881


 67.6345, 0.4195,
0.3758


 15.1385, 0.4842,
0.3926


 89.5825, 0.4101,
0.3726

 8.9167, 0.5127,
0.3964


 115.8291, 0.4021,
0.3697

 4.6869, 0.5522,
0.3983

 146.7584, 0.3954,
0.3671

 2.0647, 0.6073,
0.3927

182.7549, 0.3895,
0.3648

 0.6447, 0.6609,
0.3391

224.2031, 0.3845,

 0.0000, 1.0000,

0.3628

0.0000

271.4873, 0.3800,
0.3610

0.0000, 0.0000,
0.0000

35.0960, 0.4448,
0.3836

35.0960, 0.4448,
0.3836

30.9524, 0.4778,
0.3900

39.8467, 0.4138,
0.3749

27.3835, 0.5112,
0.3926

45.2242, 0.3860,
0.3649

24.3615, 0.5423,
0.3905

51.2539, 0.3615,
0.3545

21.8527, 0.5684,
0.3831

57.9579, 0.3403,
0.3443

20.9683, 0.5779,
0.3794

65.3573, 0.3222,
0.3345

■ 73.4722, 0.3067,
0.3254

■ 82.3218, 0.2936,
0.3169

■ 90.8921, 0.2904,
0.3245

■ 93.6432, 0.2906,
0.3289

Harmonies

Analogous

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



35.0960, 0.4336, 0.3330



35.0960, 0.4448, 0.3836



35.0960, 0.4170, 0.4283

Triad

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



35.0960, 0.4448, 0.3836



35.0960, 0.2404, 0.3752



35.0960, 0.2545, 0.2283

Complementary

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



35.0960, 0.4448, 0.3836



37.0509, 0.2285, 0.2627

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.



35.0960, 0.2126, 0.2292



35.0960, 0.4448, 0.3836



35.0960, 0.2046, 0.3061

Square

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



35.0960, 0.4448, 0.3836



35.0960, 0.2978, 0.4336



35.0960, 0.1955, 0.2545



35.0960, 0.3167, 0.2485

Rectangle

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



35.0960, 0.4448, 0.3836



35.0960, 0.3827, 0.4474



35.0960, 0.1955, 0.2545



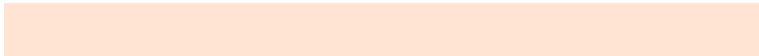
35.0960, 0.2379, 0.2261

Sweetspot

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



35.0978, 0.4448, 0.3836



81.4811, 0.3427, 0.3455



26.2997, 0.3711, 0.2400



17.0136, 0.3468, 0.3476



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.



35.0978, 0.4448, 0.3836



43.2639, 0.4834, 0.3907



57.8593, 0.4024, 0.4470



13.8521, 0.3282, 0.3379



12.7553, 0.5752, 0.3815



0.9891, 0.5446, 0.4058

Inverse Universe

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



37.0509, 0.2285, 0.2627



46.1871, 0.2143, 0.2459



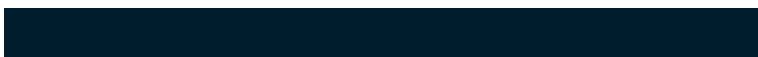
19.1995, 0.2094, 0.1725



13.9615, 0.2982, 0.3200



13.7600, 0.1892, 0.2011



1.0553, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 35.0960, 0.4448, 0.3836 looks on a white background.

Color Contrast Check

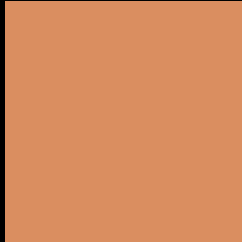
Large Text (above 18pt) WCAG AA × Fail

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 35.0960, 0.4448, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

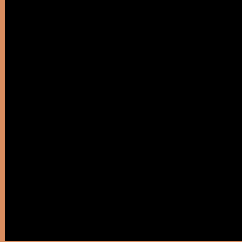
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0960, 0.4448, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 35.0960, 0.4448, 0.3836.



This preview shows how white text looks on a background with the Yxy color 35.0960, 0.4448, 0.3836.

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

35.0960, 0.4448, 0.3836

Protanopia

35.1196, 0.3798, 0.4108

Deuteranopia

35.1927, 0.4148, 0.4064



Tritanopia

35.2132, 0.3975, 0.3172

Trichromacy



Original Color

35.0960, 0.4448, 0.3836

Protanomaly

34.6497, 0.4039, 0.4007

Deuteranomaly

35.0176, 0.4251, 0.3976

Tritanomaly

35.1076, 0.4162, 0.3413

Monochromacy



Original Color

35.0960, 0.4448, 0.3836

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2633, 0.3573, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0960, 0.4448, 0.3836 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(218, 142, 96)` looks like.

```
.text, #text, p{  
    color:rgb(218, 142, 96)  
}
```

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(218, 142, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 142, 96) }
```

Border

The CSS property to change the border of an element to Yxy 35.0960, 0.4448, 0.3836 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(218, 142, 96) }
```

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

```
.border{ border-color:rgb(218, 142, 96) }
```

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

Here you see how a box with a 4 pixel rgb(218, 142, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 142, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 142, 96);  
box-shadow:4px 4px 4px 4px rgb(218, 142,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0960, 0.4448, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 142, 96) }
```

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

```
.background{ background-color: rgb(218,  
142, 96) }
```

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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