

Converting Colors

$Y_{xy}(34.6375, 0.4326, 0.3816)$

Have a look what the booklet for
Yxy(34.6375, 0.4326, 0.3816)
contains.

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Color

Yxy(34.5816, 0.4330, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	D48F65
RGB	212, 143, 101
RGB Percent	83%, 56%, 40%
CMY	0.1686, 0.4392, 0.6040
CMYK	0.00, 0.33, 0.52, 0.17
HSL	23°, 56%, 61%
HSV	23°, 52%, 83%
XYZ	39.3220, 34.5816, 16.9094
YIQ	158.8430, 54.6060, 1.5660

Conversions

Conversions Part 2

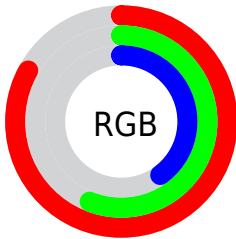
Format	Color
R _Y B	212, 169, 101
Decimal	13930341
CIE Lab	65.42, 21.61, 32.88
CIE LCh	65, 39.345, 56.685
Yxy	34.5816, 0.4330, 0.3808
Android (android.graphics.Color)	4292120421 (0xFFD48F65)
YUV	158.8430, -28.5166, 46.6187
Hunter-Lab	58.8061, 16.4473, 24.1158

Details

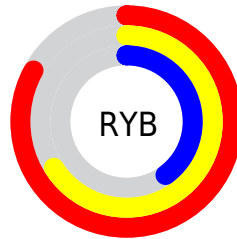
The Yxy color **34.5816, 0.4330, 0.3808** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2590, 0.2334, 0.2676**, and the grayscale version is **34.7099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4924, 0.3955, 0.3750**, and **14.7814, 0.4700, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **30.4937, 0.4653, 0.3882**, and if you desaturate by 10%, it is **39.2447, 0.4032, 0.3715**.

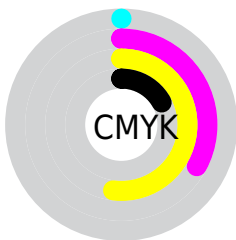
Distribution



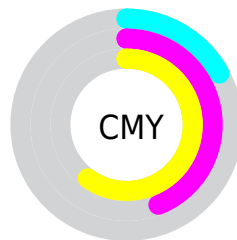
- Red (83%)
- Green (56%)
- Blue (40%)



- Red (83%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5816, 0.4330, 0.3808 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 34.5816, 0.4330, 0.3808 by changing the saturation by 10% instead.

 34.5816, 0.4330,
0.3808


 34.5816, 0.4330,
0.3808


322.7177, 0.3700,
0.3571


 23.3408, 0.4491,
0.3855


 66.8371, 0.4097,
0.3729

 14.8453, 0.4699,
0.3907


 88.6205, 0.4010,
0.3697

 8.7109, 0.4971,
0.3956


 114.6869, 0.3938,
0.3669

 4.5531, 0.5341,
0.3988

 145.4207, 0.3876,
0.3645

 1.9875, 0.5971,
0.4029

181.2063, 0.3823,
0.3623

 0.6002, 0.6521,
0.3479

222.4281, 0.3777,


 0.0000, 1.0000,


0.3603


0.0000


269.4704, 0.3736,
0.3586


 0.0000, 0.0000,
0.0000

 34.5816, 0.4330,
0.3808


 34.5816, 0.4330,
0.3808

 30.4937, 0.4653,
0.3882


 39.2447, 0.4032,
0.3715


 26.9514, 0.4987,
0.3924


 44.5007, 0.3766,
0.3613


 23.9298, 0.5309,
0.3922

 50.3725, 0.3535,
0.3509

 21.3993, 0.5590,
0.3868

 56.8805, 0.3335,
0.3408

 19.7712, 0.5772,
0.3799

 64.0438, 0.3164,
0.3312

■ 71.8809, 0.3018,
0.3223

■ 80.4094, 0.2893,
0.3140

■ 88.6016, 0.2868,
0.3221

■ 92.7370, 0.2872,
0.3289

Harmonies

Analogous

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



34.5816, 0.4229, 0.3341



34.5816, 0.4330, 0.3808



34.5816, 0.4079, 0.4209

Triad

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



34.5816, 0.4330, 0.3808



34.5816, 0.2463, 0.3700



34.5816, 0.2604, 0.2364

Complementary

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



34.5816, 0.4330, 0.3808



36.2590, 0.2334, 0.2676

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.



34.5816, 0.2212, 0.2373



34.5816, 0.4330, 0.3808



34.5816, 0.2133, 0.3080

Square

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



34.5816, 0.4330, 0.3808



34.5816, 0.2989, 0.4225



34.5816, 0.2050, 0.2609



34.5816, 0.3175, 0.2553

Rectangle

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



34.5816, 0.4330, 0.3808



34.5816, 0.3766, 0.4371



34.5816, 0.2050, 0.2609



34.5816, 0.2449, 0.2343

Sweetspot

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



34.5833, 0.4330, 0.3808



82.5213, 0.3407, 0.3446



26.2523, 0.3658, 0.2451



17.2222, 0.3449, 0.3467



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.



34.5833, 0.4330, 0.3808



45.5715, 0.4696, 0.3890



54.9583, 0.3968, 0.4405



13.1835, 0.3282, 0.3379



12.3844, 0.5746, 0.3819



0.9040, 0.5422, 0.4077

Inverse Universe

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



36.2590, 0.2334, 0.2676



48.2850, 0.2189, 0.2514



19.9603, 0.2166, 0.1843



13.2813, 0.2982, 0.3200



13.2788, 0.1891, 0.2008



0.9581, 0.1959, 0.2254

Previews

White Background



This preview shows how the Yxy color 34.5816, 0.4330, 0.3808 looks on a white background.

Color Contrast Check

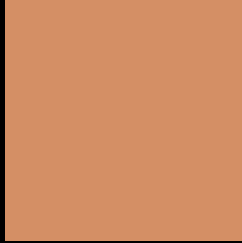
Large Text (above 18pt) WCAG AA × Fail

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 34.5816, 0.4330, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

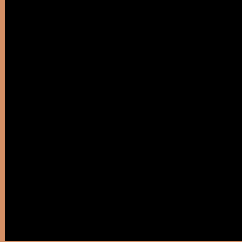
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5816, 0.4330, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 34.5816, 0.4330, 0.3808.



This preview shows how white text looks on a background with the Yxy color 34.5816, 0.4330, 0.3808.

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

34.5816, 0.4330, 0.3808

Protanopia

34.7420, 0.3757, 0.4043

Deuteranopia

34.5638, 0.4076, 0.4000



Tritanopia

34.5968, 0.3896, 0.3169

Trichromacy



Original Color

34.5816, 0.4330, 0.3808

Protanomaly

34.3672, 0.3959, 0.3951

Deuteranomaly

34.5571, 0.4161, 0.3929

Tritanomaly

34.5240, 0.4071, 0.3404

Monochromacy



Original Color

34.5816, 0.4330, 0.3808

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.0824, 0.3532, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5816, 0.4330, 0.3808 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(212, 143, 101)` looks like.

```
.text, #text, p{  
    color:rgb(212, 143, 101)  
}
```

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(212, 143, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 143, 101) }
```

Border

The CSS property to change the border of an element to Yxy 34.5816, 0.4330, 0.3808 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(212, 143, 101) }
```

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

```
.border{ border-color:rgb(212, 143, 101) }
```

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

Here you see how a box with a 4 pixel rgb(212, 143, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 143, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 143, 101);  
box-shadow:4px 4px 4px 4px rgb(212, 143,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5816, 0.4330, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 143, 101) }
```

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

```
.background{ background-color: rgb(212,  
143, 101) }
```

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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