

Converting Colors

Yxy(34.9409, 0.4509, 0.3919)

Have a look what the booklet for
Yxy(34.9409, 0.4509, 0.3919)
contains.

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Color

Yxy(34.8190, 0.4506, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	D98E59
RGB	217, 142, 89
RGB Percent	85%, 56%, 35%
CMY	0.1491, 0.4431, 0.6510
CMYK	0.00, 0.35, 0.59, 0.15
HSL	25°, 63%, 60%
HSV	25°, 59%, 85%
XYZ	40.0854, 34.8190, 14.0557
YIQ	158.3830, 61.7130, -0.5830

Conversions

Conversions Part 2

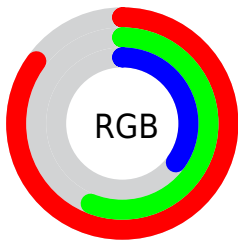
Format	Color
RYB	217, 179, 89
Decimal	14257753
CIELab	65.61, 23.20, 39.62
CIElCh	66, 45.918, 59.646
Yxy	34.8190, 0.4506, 0.3914
Android (android.graphics.Color)	4292447833 (0xFFD98E59)
YUV	158.3830, -34.2058, 51.4071
Hunter-Lab	59.0076, 17.9964, 27.1824

Details

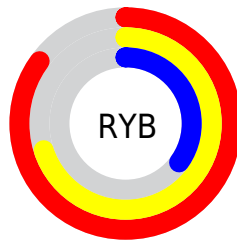
The Yxy color **34.8190, 0.4506, 0.3914** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **33.6613, 0.2230, 0.2510**, and the grayscale version is **34.5131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6333, 0.4062, 0.3871**, and **14.9114, 0.4908, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **30.9396, 0.4822, 0.3976**, and if you desaturate by 10%, it is **39.2404, 0.4203, 0.3824**.

Distribution



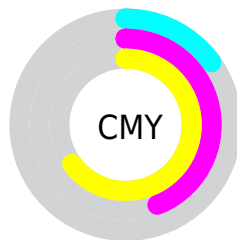
- Red (85%)
- Green (56%)
- Blue (35%)



- Red (85%)
- Yellow (70%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8190, 0.4506, 0.3914 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 34.8190, 0.4506, 0.3914 by changing the saturation by 10% instead.


 34.8190, 0.4506,
0.3914


 34.8190, 0.4506,
0.3914


323.7687, 0.3792,
0.3636

 23.5235, 0.4684,
0.3965


 67.2053, 0.4245,
0.3825

 14.9805, 0.4907,
0.4015


 89.0648, 0.4147,
0.3788


 8.8057, 0.5191,
0.4055


 115.2145, 0.4064,
0.3755

 4.6147, 0.5617,
0.4102

 146.0387, 0.3994,
0.3726

 2.0230, 0.6037,
0.3963

 181.9218, 0.3933,
0.3699

 0.6208, 0.6586,
0.3414

223.2483, 0.3880,

 0.0000, 1.0000,

0.3676

0.0000

270.4024, 0.3833,
0.3655

■ 0.0000, 0.0000,
0.0000

■ 34.8190, 0.4506,
0.3914

■ 34.8190, 0.4506,
0.3914

■ 30.9396, 0.4822,
0.3976

■ 39.2404, 0.4203,
0.3824

■ 27.5729, 0.5133,
0.3997

■ 44.2207, 0.3925,
0.3717

■ 24.6937, 0.5415,
0.3967

■ 49.7827, 0.3678,
0.3604

■ 22.2678, 0.5651,
0.3886

■ 55.9459, 0.3461,
0.3491

■ 22.0444, 0.5673,
0.3877

■ 62.7289, 0.3273,
0.3383

70.1494, 0.3112,
0.3280

78.2245, 0.2973,
0.3185

86.4734, 0.2896,
0.3173

93.4878, 0.2900,
0.3289

Harmonies

Analogous

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



34.8190, 0.4441, 0.3385



34.8190, 0.4506, 0.3914



34.8190, 0.4169, 0.4375

Triad

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



34.8190, 0.4506, 0.3914



34.8190, 0.2308, 0.3694



34.8190, 0.2577, 0.2247

Complementary

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



34.8190, 0.4506, 0.3914



33.6613, 0.2230, 0.2510

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.



34.8190, 0.2112, 0.2228



34.8190, 0.4506, 0.3914



34.8190, 0.1966, 0.2969

Square

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



34.8190, 0.4506, 0.3914



34.8190, 0.2890, 0.4351



34.8190, 0.1905, 0.2459



34.8190, 0.3248, 0.2481

Rectangle

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



34.8190, 0.4506, 0.3914



34.8190, 0.3789, 0.4561



34.8190, 0.1905, 0.2459



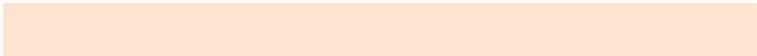
34.8190, 0.2395, 0.2215

Sweetspot

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



34.8208, 0.4506, 0.3914



81.4209, 0.3444, 0.3482



24.6353, 0.3815, 0.2407



16.8448, 0.3504, 0.3515



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.



34.8208, 0.4506, 0.3914



43.2393, 0.4906, 0.3986



58.7382, 0.4040, 0.4560



13.9334, 0.3281, 0.3387



13.5454, 0.5648, 0.3897



1.0449, 0.5356, 0.4129

Inverse Universe

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



33.6613, 0.2230, 0.2510



41.3081, 0.2076, 0.2306



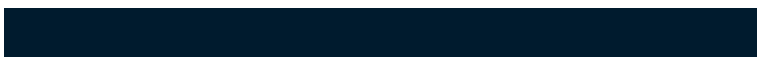
16.5920, 0.2022, 0.1570



13.8780, 0.2982, 0.3191



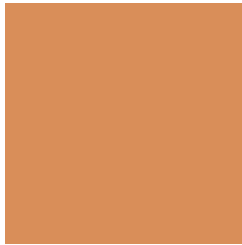
12.4470, 0.1855, 0.1879



0.9749, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 34.8190, 0.4506, 0.3914 looks on a white background.

Color Contrast Check

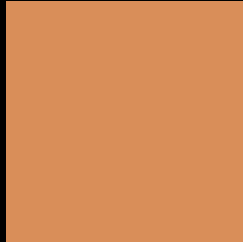
Large Text (above 18pt) WCAG AA × Fail

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 34.8190, 0.4506, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

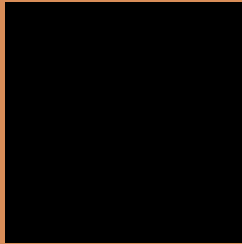
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8190, 0.4506, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 34.8190, 0.4506, 0.3914.



This preview shows how white text looks on a background with the Yxy color 34.8190, 0.4506, 0.3914.

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

34.8190, 0.4506, 0.3914

Protanopia

35.0818, 0.3880, 0.4212

Deuteranopia

34.7467, 0.4218, 0.4134



Tritanopia

34.7444, 0.3980, 0.3172

Trichromacy



Original Color

34.8190, 0.4506, 0.3914

Protanomaly

34.5199, 0.4104, 0.4094

Deuteranomaly

34.5809, 0.4324, 0.4044

Tritanomaly

34.8733, 0.4185, 0.3450

Monochromacy



Original Color

34.8190, 0.4506, 0.3914

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7336, 0.3596, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8190, 0.4506, 0.3914 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(217, 142, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 142, 89)  
}
```

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(217, 142, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 142, 89) }
```

Border

The CSS property to change the border of an element to Yxy 34.8190, 0.4506, 0.3914 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(217, 142, 89) }
```

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

```
.border{ border-color:rgb(217, 142, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 142, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 142, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 142, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 142,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8190, 0.4506, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 142, 89) }
```

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

```
.background{ background-color: rgb(217,  
142, 89) }
```

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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