

Converting Colors

$Y_{xy}(34.7081, 0.4511, 0.4104)$

Have a look what the booklet for
Yxy(34.7081, 0.4511, 0.4104)
contains.

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Color

Yxy(34.7952, 0.4509, 0.4107)

Conversions

Conversions Part 1

Format	Color
Hex	D2924D
RGB	210, 146, 77
RGB Percent	82%, 57%, 30%
CMY	0.1764, 0.4275, 0.6980
CMYK	0.00, 0.30, 0.63, 0.18
HSL	31°, 60%, 56%
HSV	31°, 63%, 82%
XYZ	38.2010, 34.7952, 11.7255
YIQ	157.2700, 60.2930, -7.8910

Conversions

Conversions Part 2

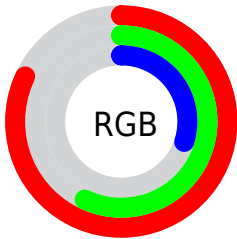
Format	Color
R _Y B	200, 210, 77
Decimal	13800013
CIE Lab	65.59, 17.31, 45.52
CIE LCh	66, 48.700, 69.174
Yxy	34.7952, 0.4509, 0.4107
Android (android.graphics.Color)	4291990093 (0xFFD2924D)
YUV	157.2700, -39.5731, 46.2442
Hunter-Lab	58.9875, 12.3708, 29.5056

Details

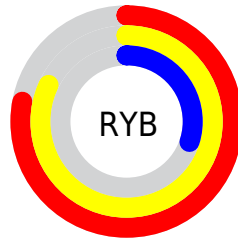
The Yxy color **34.7952, 0.4509, 0.4107** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **25.2917, 0.2123, 0.2216**, and the grayscale version is **34.0078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1271, 0.4131, 0.4027**, and **14.9389, 0.4899, 0.4245** is the 20% darker color. If you saturate the color by 10%, you get **31.5665, 0.4774, 0.4176**, and if you desaturate by 10%, it is **38.3987, 0.4243, 0.4003**.

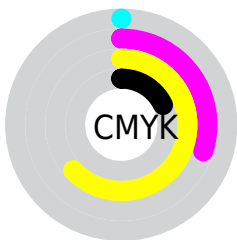
Distribution



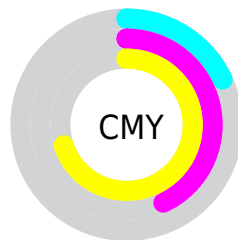
- Red (82%)
- Green (57%)
- Blue (30%)



- Red (78%)
- Yellow (82%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7952, 0.4509, 0.4107 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 34.7952, 0.4509, 0.4107 by changing the saturation by 10% instead.


 34.7952, 0.4509,
0.4107


 34.7952, 0.4509,
0.4107


323.6634, 0.3804,
0.3734


 23.5052, 0.4678,
0.4178

 67.1684, 0.4255,
0.3985


 14.9670, 0.4885,
0.4252


 89.0203, 0.4159,
0.3935


 8.7962, 0.5137,
0.4316


 115.1616, 0.4077,
0.3891

 4.6085, 0.5562,
0.4438

 145.9768, 0.4006,
0.3852

 2.0194, 0.5765,
0.4235

 181.8502, 0.3945,
0.3817

 0.6187, 0.6230,
0.3770

223.1661, 0.3892,

 0.0000, 0.0000,

0.3786

0.0000

270.3091, 0.3845,
0.3758

■ 34.7952, 0.4509,
0.4107

■ 34.7952, 0.4509,
0.4107

■ 31.5665, 0.4774,
0.4176

■ 38.3987, 0.4243,
0.4003

■ 28.6908, 0.5023,
0.4199

■ 42.3870, 0.3987,
0.3877

■ 26.1507, 0.5238,
0.4167

■ 46.7759, 0.3751,
0.3740

■ 24.6263, 0.5364,
0.4123

■ 51.5785, 0.3537,
0.3600

■ 56.8072, 0.3346,
0.3463

■ 62.4737, 0.3178,
0.3332

■ 68.5893, 0.3031,
0.3209

■ 75.1648, 0.2903,
0.3095

■ 81.4798, 0.2851,
0.3101

Harmonies

Analogous

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



34.7952, 0.4593, 0.3559



34.7952, 0.4509, 0.4107



34.7952, 0.4042, 0.4547

Triad

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



34.7952, 0.4509, 0.4107



34.7952, 0.2115, 0.3459



34.7952, 0.2750, 0.2250

Complementary

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



34.7952, 0.4509, 0.4107



25.2917, 0.2123, 0.2216

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.



34.7952, 0.2185, 0.2153



34.7952, 0.4509, 0.4107



34.7952, 0.1854, 0.2742

Square

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



34.7952, 0.4509, 0.4107



34.7952, 0.2656, 0.4235



34.7952, 0.1882, 0.2303



34.7952, 0.3501, 0.2556

Rectangle

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



34.7952, 0.4509, 0.4107



34.7952, 0.3600, 0.4672



34.7952, 0.1882, 0.2303



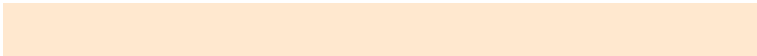
34.7952, 0.2535, 0.2192

Sweetspot

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



34.7969, 0.4509, 0.4107



83.2757, 0.3456, 0.3543



20.9455, 0.4126, 0.2536



17.3319, 0.3512, 0.3583



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.



34.7969, 0.4509, 0.4107



47.3399, 0.4864, 0.4190



60.0194, 0.3986, 0.4751



12.8080, 0.3278, 0.3411



15.2213, 0.5343, 0.4140



1.0096, 0.5076, 0.4352

Inverse Universe

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



25.2917, 0.2123, 0.2216



31.4897, 0.1950, 0.1942



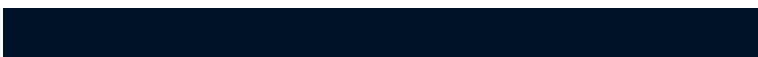
11.6353, 0.1917, 0.1272



12.3432, 0.2982, 0.3166



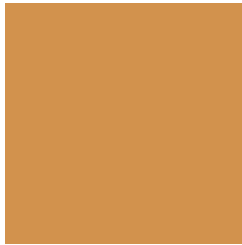
8.7246, 0.1758, 0.1528



0.6464, 0.1853, 0.1869

Previews

White Background



This preview shows how the Yxy color 34.7952, 0.4509, 0.4107 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 34.7952, 0.4509, 0.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

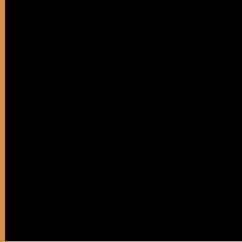
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7952, 0.4509, 0.4107

Background



This preview shows how black text looks on a background with the Yxy color 34.7952, 0.4509, 0.4107.



This preview shows how white text looks on a background with the Yxy color 34.7952, 0.4509, 0.4107.

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

34.7952, 0.4509, 0.4107

Protanopia

34.9809, 0.3998, 0.4371

Deuteranopia

34.8486, 0.4331, 0.4245



Tritanopia

34.7621, 0.3870, 0.3169

Trichromacy



Original Color

34.7952, 0.4509, 0.4107

Protanomaly

34.7132, 0.4180, 0.4279

Deuteranomaly

34.8911, 0.4400, 0.4198

Tritanomaly

34.6010, 0.4129, 0.3529

Monochromacy



Original Color

34.7952, 0.4509, 0.4107

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5711, 0.3611, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7952, 0.4509, 0.4107 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(210, 146, 77)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 77)  
}
```

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(210, 146, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 77) }
```

Border

The CSS property to change the border of an element to Yxy 34.7952, 0.4509, 0.4107 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(210, 146, 77) }
```

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

```
.border{ border-color:rgb(210, 146, 77) }
```

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

Here you see how a box with a 4 pixel rgb(210, 146, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 146, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 146, 77);  
box-shadow:4px 4px 4px 4px rgb(210, 146,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7952, 0.4509, 0.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 77) }
```

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

```
.background{ background-color: rgb(210,  
146, 77) }
```

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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