

Converting Colors

$Yxy(35.1944, 0.4196, 0.3993)$

Have a look what the booklet for
Yxy(35.1944, 0.4196, 0.3993)
contains.

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Color

Yxy(35.2571, 0.4196, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	C89760
RGB	200, 151, 96
RGB Percent	78%, 59%, 38%
CMY	0.2156, 0.4079, 0.6234
CMYK	0.00, 0.25, 0.52, 0.22
HSL	32°, 49%, 58%
HSV	32°, 52%, 78%
XYZ	37.0032, 35.2571, 15.9265
YIQ	159.3810, 46.8590, -6.7170

Conversions

Conversions Part 2

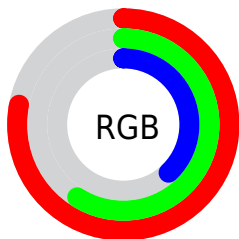
Format	Color
RYB	189, 200, 96
Decimal	13145952
CIELab	65.95, 11.87, 35.91
CIElCh	66, 37.822, 71.713
Yxy	35.2571, 0.4196, 0.3998
Android (android.graphics.Color)	4291336032 (0xFFC89760)
YUV	159.3810, -31.2468, 35.6229
Hunter-Lab	59.3777, 7.3273, 25.6614

Details

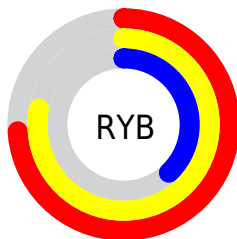
The Yxy color **35.2571, 0.4196, 0.3998** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9271, 0.2291, 0.2429**, and the grayscale version is **34.9868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0292, 0.3966, 0.3890**, and **15.1674, 0.4505, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **32.0211, 0.4457, 0.4108**, and if you desaturate by 10%, it is **38.8331, 0.3947, 0.3868**.

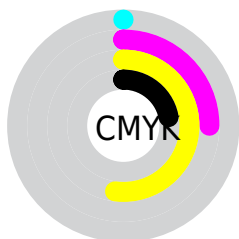
Distribution



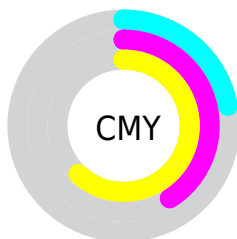
- Red (78%)
- Green (59%)
- Blue (38%)



- Red (74%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2571, 0.4196, 0.3998 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 35.2571, 0.4196, 0.3998 by changing the saturation by 10% instead.


 35.2571, 0.4196,
0.3998


 35.2571, 0.4196,
0.3998


325.7017, 0.3644,
0.3655


 23.8610, 0.4334,
0.4074


 67.8839, 0.3994,
0.3879


 15.2305, 0.4510,
0.4164


 89.8833, 0.3918,
0.3832

 8.9813, 0.4735,
0.4267


 116.1860, 0.3854,
0.3792

 4.7290, 0.5043,
0.4385

 147.1763, 0.3799,
0.3757

 2.0892, 0.5491,
0.4509

183.2386, 0.3752,
0.3727

 0.6585, 0.5822,
0.4178

224.7574, 0.3711,

 0.0000, 0.0000,

0.3700

0.0000

272.1169, 0.3675,
0.3676

■ 35.2571, 0.4196,
0.3998

■ 35.2571, 0.4196,
0.3998

■ 32.0211, 0.4457,
0.4108

■ 38.8331, 0.3947,
0.3868

■ 29.1071, 0.4717,
0.4185

■ 42.7558, 0.3716,
0.3728

■ 26.5025, 0.4964,
0.4218

■ 47.0383, 0.3508,
0.3586

■ 24.1914, 0.5180,
0.4197

■ 51.6911, 0.3322,
0.3448

■ 22.5339, 0.5331,
0.4149

■ 56.7242, 0.3157,
0.3315

■ 62.1473, 0.3013,
0.3192

■ 67.9696, 0.2888,
0.3077

■ 74.1325, 0.2783,
0.2982

■ 79.4162, 0.2791,
0.3085

Harmonies

Analogous

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



35.2571, 0.4273, 0.3569



35.2571, 0.4196, 0.3998



35.2571, 0.3823, 0.4297

Triad

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



35.2571, 0.4196, 0.3998



35.2571, 0.2305, 0.3381



35.2571, 0.2886, 0.2470

Complementary

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



35.2571, 0.4196, 0.3998



26.9271, 0.2291, 0.2429

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.



35.2571, 0.2412, 0.2379



35.2571, 0.4196, 0.3998



35.2571, 0.2103, 0.2840

Square

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



35.2571, 0.4196, 0.3998



35.2571, 0.2728, 0.3959



35.2571, 0.2142, 0.2496



35.2571, 0.3474, 0.2734

Rectangle

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



35.2571, 0.4196, 0.3998



35.2571, 0.3473, 0.4347



35.2571, 0.2142, 0.2496



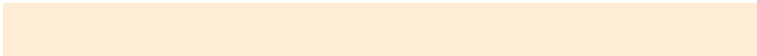
35.2571, 0.2709, 0.2418

Sweetspot

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



35.2588, 0.4196, 0.3998



85.9808, 0.3398, 0.3506



22.7372, 0.3867, 0.2647



18.0443, 0.3437, 0.3535



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.



35.2588, 0.4196, 0.3998



54.9511, 0.4480, 0.4116



54.2107, 0.3862, 0.4538



11.5493, 0.3277, 0.3412



14.5047, 0.5311, 0.4165



0.8310, 0.5017, 0.4399

Inverse Universe

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



26.9271, 0.2291, 0.2429



39.0470, 0.2127, 0.2208



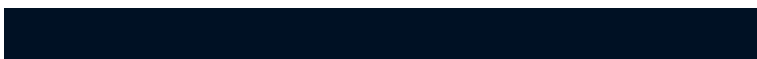
15.1244, 0.2150, 0.1657



11.0983, 0.2983, 0.3165



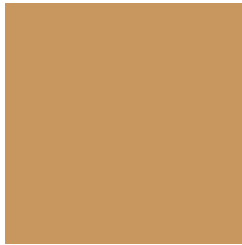
7.9510, 0.1750, 0.1500



0.5212, 0.1860, 0.1894

Previews

White Background



This preview shows how the Yxy color 35.2571, 0.4196, 0.3998 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 35.2571, 0.4196, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

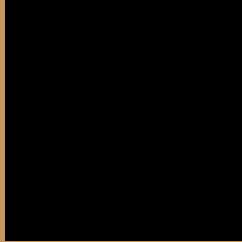
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2571, 0.4196, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 35.2571, 0.4196, 0.3998.



This preview shows how white text looks on a background with the Yxy color 35.2571, 0.4196, 0.3998.

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

35.2571, 0.4196, 0.3998

Protanopia

35.5238, 0.3830, 0.4158

Deuteranopia

35.2291, 0.4129, 0.4040



Tritanopia

35.2922, 0.3666, 0.3151

Trichromacy



Original Color

35.2571, 0.4196, 0.3998

Protanomaly

35.2051, 0.3958, 0.4090

Deuteranomaly

35.1713, 0.4157, 0.4021

Tritanomaly

35.2852, 0.3862, 0.3461

Monochromacy



Original Color

35.2571, 0.4196, 0.3998

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5532, 0.3501, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2571, 0.4196, 0.3998 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(200, 151, 96)` looks like.

```
.text, #text, p{  
    color:rgb(200, 151, 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(200, 151, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 151, 96) }
```

Border

The CSS property to change the border of an element to Yxy 35.2571, 0.4196, 0.3998 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(200, 151, 96) }
```

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

```
.border{ border-color:rgb(200, 151, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 151, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 151, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 151, 96);  
box-shadow:4px 4px 4px 4px rgb(200, 151,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2571, 0.4196, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 151, 96) }
```

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

```
.background{ background-color: rgb(200,  
151, 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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