

Converting Colors

$Y_{xy}(35.3100, 0.4333, 0.4252)$

Have a look what the booklet for
Yxy(35.3100, 0.4333, 0.4252)
contains.

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Color

Yxy(35.3100, 0.4333, 0.4252)

Conversions

Conversions Part 1

Format	Color
Hex	C6994C
RGB	198, 153, 76
RGB Percent	78%, 60%, 30%
CMY	0.2235, 0.4000, 0.7021
CMYK	0.00, 0.23, 0.62, 0.22
HSL	38°, 52%, 54%
HSV	38°, 62%, 78%
XYZ	35.9827, 35.3100, 11.7506
YIQ	157.6770, 51.5370, -14.4070

Conversions

Conversions Part 2

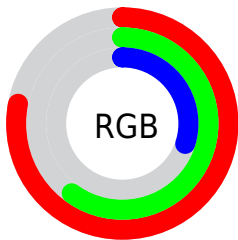
Format	Color
RYB	147, 198, 76
Decimal	13015372
CIELab	65.99, 8.30, 46.14
CIElCh	66, 46.882, 79.799
Yxy	35.3100, 0.4333, 0.4252
Android (android.graphics.Color)	4291205452 (0xFFC6994C)
YUV	157.6770, -40.2668, 35.3633
Hunter-Lab	59.4222, 4.1004, 29.8711

Details

The Yxy color **35.3100, 0.4333, 0.4252** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.2764, 0.2097, 0.2021**, and the grayscale version is **34.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4180, 0.4100, 0.4102**, and **15.2356, 0.4657, 0.4459** is the 20% darker color. If you saturate the color by 10%, you get **32.7605, 0.4548, 0.4352**, and if you desaturate by 10%, it is **38.0939, 0.4111, 0.4120**.

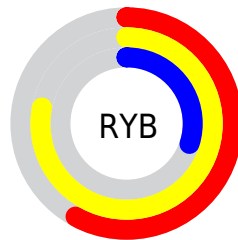
Distribution



Red (78%)

Green (60%)

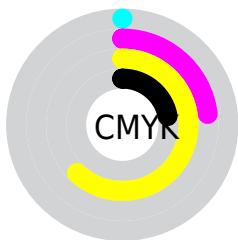
Blue (30%)



Red (58%)

Yellow (78%)

Blue (30%)

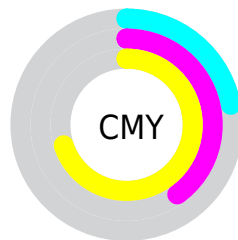


Cyan (0%)

Magenta (23%)

Yellow (62%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3100, 0.4333, 0.4252 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 35.3100, 0.4333, 0.4252 by changing the saturation by 10% instead.


 35.3100, 0.4333,
0.4252


 35.3100, 0.4333,
0.4252


325.9345, 0.3725,
0.3790


 23.9018, 0.4475,
0.4350


 67.9657, 0.4116,
0.4095


 15.2608, 0.4648,
0.4461


 89.9820, 0.4033,
0.4032

 9.0026, 0.4853,
0.4578


 116.3031, 0.3962,
0.3977

 4.7429, 0.5209,
0.4791

 147.3134, 0.3901,
0.3930

 2.0972, 0.5311,
0.4689

 183.3973, 0.3848,
0.3889

 0.6631, 0.5568,
0.4432

224.9392, 0.3802,

 0.0000, 0.0000,

0.3852

0.0000

272.3235, 0.3761,
0.3819

■ 35.3100, 0.4333,
0.4252

■ 35.3100, 0.4333,
0.4252

■ 32.7605, 0.4548,
0.4352

■ 38.0939, 0.4111,
0.4120

■ 30.4295, 0.4745,
0.4408

■ 41.1165, 0.3892,
0.3966

■ 28.3065, 0.4914,
0.4413

■ 44.3884, 0.3683,
0.3802

■ 26.6725, 0.5034,
0.4385

■ 47.9177, 0.3489,
0.3635

■ 51.7120, 0.3311,
0.3471

■ 55.7787, 0.3152,
0.3315

■ 60.1245, 0.3009,
0.3167

■ 64.7561, 0.2882,
0.3030

■ 69.6798, 0.2769,
0.2903

Harmonies

Analogous

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



35.3100, 0.4556, 0.3746



35.3100, 0.4333, 0.4252



35.3100, 0.3794, 0.4582

Triad

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



35.3100, 0.4333, 0.4252



35.3100, 0.2032, 0.3189



35.3100, 0.3010, 0.2371

Complementary

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



35.3100, 0.4333, 0.4252



19.2764, 0.2097, 0.2021

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.



35.3100, 0.2387, 0.2201



35.3100, 0.4333, 0.4252



35.3100, 0.1878, 0.2584

Square

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



35.3100, 0.4333, 0.4252



35.3100, 0.2466, 0.3948



35.3100, 0.2000, 0.2259



35.3100, 0.3747, 0.2728

Rectangle

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



35.3100, 0.4333, 0.4252



35.3100, 0.3343, 0.4589



35.3100, 0.2000, 0.2259



35.3100, 0.2781, 0.2291

Sweetspot

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



35.3117, 0.4333, 0.4252



87.0630, 0.3427, 0.3580



18.5936, 0.4283, 0.2706



18.2196, 0.3481, 0.3628



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.



35.3117, 0.4333, 0.4252



56.5361, 0.4619, 0.4377



51.0679, 0.3859, 0.4782



11.7342, 0.3274, 0.3436



17.5148, 0.5020, 0.4396



0.9643, 0.4805, 0.4567

Inverse Universe

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



19.2764, 0.2097, 0.2021



25.9597, 0.1900, 0.1695



11.4258, 0.2045, 0.1374



10.9172, 0.2983, 0.3140



5.9007, 0.1664, 0.1190



0.4175, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 35.3100, 0.4333, 0.4252 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 35.3100, 0.4333, 0.4252 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 35.3100, 0.4333, 0.4252

Background



This preview shows how black text looks on a background with the Yxy color 35.3100, 0.4333, 0.4252.



This preview shows how white text looks on a background with the Yxy color 35.3100, 0.4333, 0.4252.

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

35.3100, 0.4333, 0.4252

Protanopia

35.5048, 0.4043, 0.4420

Deuteranopia

35.3100, 0.4333, 0.4252



Tritanopia

35.1504, 0.3656, 0.3150

Trichromacy



Original Color

35.3100, 0.4333, 0.4252

Protanomaly

35.3038, 0.4148, 0.4362

Deuteranomaly

35.3100, 0.4333, 0.4252

Tritanomaly

34.9304, 0.3937, 0.3567

Monochromacy



Original Color

35.3100, 0.4333, 0.4252

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2197, 0.3569, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3100, 0.4333, 0.4252 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(198, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 76)  
}
```

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(198, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 76) }
```

Border

The CSS property to change the border of an element to Yxy 35.3100, 0.4333, 0.4252 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(198, 153, 76) }
```

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

```
.border{ border-color:rgb(198, 153, 76) }
```

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

Here you see how a box with a 4 pixel rgb(198, 153, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3100, 0.4333, 0.4252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 76) }
```

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

```
.background{ background-color: rgb(198,  
153, 76) }
```

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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