

Converting Colors

$Y_{xy}(35.3241, 0.4325, 0.4241)$

Have a look what the booklet for
Yxy(35.3241, 0.4325, 0.4241)
contains.

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Color

Yxy(35.3241, 0.4325, 0.4241)

Conversions

Conversions Part 1

Format	Color
Hex	C6994D
RGB	198, 153, 77
RGB Percent	78%, 60%, 30%
CMY	0.2235, 0.4000, 0.6980
CMYK	0.00, 0.23, 0.61, 0.22
HSL	38°, 51%, 54%
HSV	38°, 61%, 78%
XYZ	36.0238, 35.3241, 11.9441
YIQ	157.7910, 51.2160, -14.0960

Conversions

Conversions Part 2

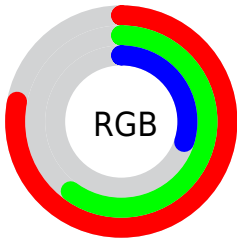
Format	Color
RYB	149, 198, 77
Decimal	13015373
CIELab	66.00, 8.39, 45.64
CIElCh	66, 46.405, 79.579
Yxy	35.3241, 0.4325, 0.4241
Android (android.graphics.Color)	4291205453 (0xFFC6994D)
YUV	157.7910, -39.8300, 35.2633
Hunter-Lab	59.4341, 4.1815, 29.6888

Details

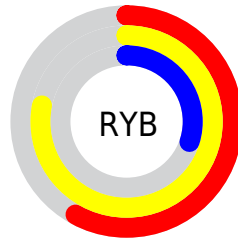
The Yxy color **35.3241, 0.4325, 0.4241** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.5860, 0.2107, 0.2041**, and the grayscale version is **34.2611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4442, 0.4093, 0.4093**, and **15.2446, 0.4643, 0.4442** is the 20% darker color. If you saturate the color by 10%, you get **32.7494, 0.4542, 0.4342**, and if you desaturate by 10%, it is **38.1363, 0.4102, 0.4108**.

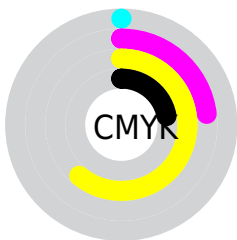
Distribution



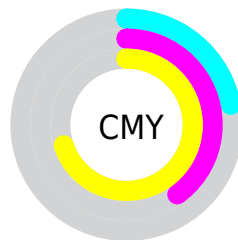
- Red (78%)
- Green (60%)
- Blue (30%)



- Red (58%)
- Yellow (78%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (61%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3241, 0.4325, 0.4241 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 35.3241, 0.4325, 0.4241 by changing the saturation by 10% instead.


 35.3241, 0.4325,
0.4241


 35.3241, 0.4325,
0.4241


325.9966, 0.3720,
0.3784

 23.9126, 0.4467,
0.4338


 67.9875, 0.4109,
0.4085

 15.2688, 0.4640,
0.4449


 90.0083, 0.4027,
0.4023


 9.0083, 0.4846,
0.4566


 116.3343, 0.3956,
0.3969

 4.7466, 0.5213,
0.4787

 147.3500, 0.3895,
0.3922

 2.0994, 0.5316,
0.4684

 183.4396, 0.3843,
0.3881

 0.6643, 0.5573,
0.4427

224.9877, 0.3797,

 0.0000, 0.0000,

0.3845

0.0000

272.3785, 0.3756,
0.3813

■ 35.3241, 0.4325,
0.4241

■ 35.3241, 0.4325,
0.4241

■ 32.7494, 0.4542,
0.4342

■ 38.1363, 0.4102,
0.4108

■ 30.3964, 0.4742,
0.4400

■ 41.1905, 0.3882,
0.3955

■ 28.2545, 0.4914,
0.4408

■ 44.4972, 0.3673,
0.3791

■ 26.5087, 0.5044,
0.4377

■ 48.0645, 0.3479,
0.3625

■ 51.9003, 0.3303,
0.3462

■ 56.0117, 0.3144,
0.3307

■ 60.4057, 0.3002,
0.3160

■ 65.0889, 0.2876,
0.3025

■ 70.0526, 0.2765,
0.2902

Harmonies

Analogous

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



35.3241, 0.4542, 0.3740



35.3241, 0.4325, 0.4241



35.3241, 0.3793, 0.4568

Triad

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



35.3241, 0.4325, 0.4241



35.3241, 0.2044, 0.3196



35.3241, 0.3006, 0.2377

Complementary

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



35.3241, 0.4325, 0.4241



19.5860, 0.2107, 0.2041

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.



35.3241, 0.2390, 0.2210



35.3241, 0.4325, 0.4241



35.3241, 0.1889, 0.2595

Square

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



35.3241, 0.4325, 0.4241



35.3241, 0.2477, 0.3946



35.3241, 0.2008, 0.2270



35.3241, 0.3736, 0.2730

Rectangle

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



35.3241, 0.4325, 0.4241



35.3241, 0.3347, 0.4576



35.3241, 0.2008, 0.2270



35.3241, 0.2780, 0.2298

Sweetspot

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



35.3258, 0.4325, 0.4241



86.9716, 0.3428, 0.3578



18.7590, 0.4267, 0.2709



18.1973, 0.3482, 0.3627



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.



35.3258, 0.4325, 0.4241



56.6946, 0.4604, 0.4364



51.1110, 0.3854, 0.4772



11.7280, 0.3274, 0.3435



17.4042, 0.5029, 0.4389



0.9596, 0.4811, 0.4562

Inverse Universe

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



19.5860, 0.2107, 0.2041



26.6893, 0.1916, 0.1728



11.6197, 0.2055, 0.1390



10.9232, 0.2983, 0.3141



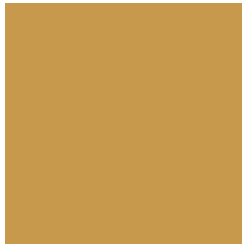
5.9597, 0.1667, 0.1199



0.4207, 0.1786, 0.1628

Previews

White Background



This preview shows how the Yxy color 35.3241, 0.4325, 0.4241 looks on a white background.

Color Contrast Check

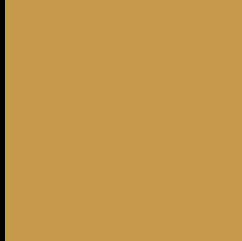
Large Text (above 18pt) WCAG AA × Fail

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 35.3241, 0.4325, 0.4241 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 35.3241, 0.4325, 0.4241

Background



This preview shows how black text looks on a background with the Yxy color 35.3241, 0.4325, 0.4241.



This preview shows how white text looks on a background with the Yxy color 35.3241, 0.4325, 0.4241.

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

35.3241, 0.4325, 0.4241

Protanopia

35.5339, 0.4028, 0.4397

Deuteranopia

35.3241, 0.4325, 0.4241



Tritanopia

35.1504, 0.3656, 0.3150

Trichromacy



Original Color

35.3241, 0.4325, 0.4241

Protanomaly

35.3325, 0.4132, 0.4339

Deuteranomaly

35.3241, 0.4325, 0.4241

Tritanomaly

34.9563, 0.3926, 0.3554

Monochromacy



Original Color

35.3241, 0.4325, 0.4241

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2461, 0.3559, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3241, 0.4325, 0.4241 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 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(198, 153, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 77) }
```

Border

The CSS property to change the border of an element to Yxy 35.3241, 0.4325, 0.4241 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, 77) }
```

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

```
.border{ border-color:rgb(198, 153, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 77);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3241, 0.4325, 0.4241 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, 77) }
```

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

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