

Converting Colors

$Yxy(35.5648, 0.4223, 0.4104)$

Have a look what the booklet for
Yxy(35.5648, 0.4223, 0.4104)
contains.

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Color

Yxy(35.5264, 0.4215, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	C6995A
RGB	198, 153, 90
RGB Percent	78%, 60%, 35%
CMY	0.2236, 0.4000, 0.6471
CMYK	0.00, 0.23, 0.55, 0.22
HSL	35°, 49%, 56%
HSV	35°, 55%, 78%
XYZ	36.5229, 35.5264, 14.6005
YIQ	159.2730, 47.0430, -10.0530

Conversions

Conversions Part 2

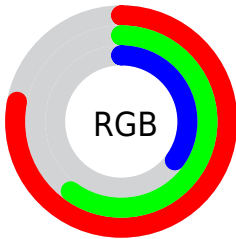
Format	Color
RYB	167, 198, 90
Decimal	13015386
CIELab	66.16, 9.38, 39.28
CIElCh	66, 40.386, 76.564
Yxy	35.5264, 0.4215, 0.4100
Android (android.graphics.Color)	4291205466 (0xFFC6995A)
YUV	159.2730, -34.1516, 33.9636
Hunter-Lab	59.6040, 5.0703, 27.1993

Details

The Yxy color **35.5264, 0.4215, 0.4100** 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 **23.5666, 0.2231, 0.2279**, and the grayscale version is **34.9456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8087, 0.4001, 0.3969**, and **15.3326, 0.4514, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **32.6280, 0.4455, 0.4214**, and if you desaturate by 10%, it is **38.7046, 0.3980, 0.3962**.

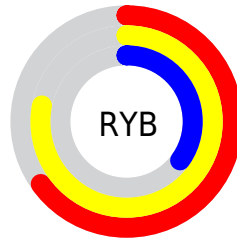
Distribution



Red (78%)

Green (60%)

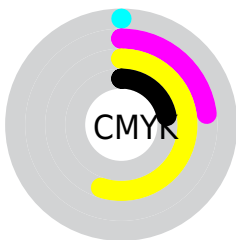
Blue (35%)



Red (65%)

Yellow (78%)

Blue (35%)

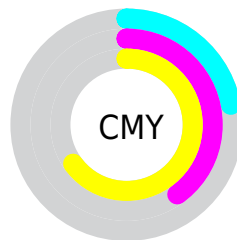


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (22%)



Cyan (22%)

Magenta (40%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5264, 0.4215, 0.4100 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 35.5264, 0.4215, 0.4100 by changing the saturation by 10% instead.


 35.5264, 0.4215,
0.4100


 35.5264, 0.4215,
0.4100


326.8858, 0.3658,
0.3706

 24.0686, 0.4352,
0.4188

 68.3004, 0.4013,
0.3963

 15.3846, 0.4522,
0.4291


 90.3855, 0.3937,
0.3910

 9.0897, 0.4736,
0.4407


 116.7819, 0.3872,
0.3863

 4.7997, 0.5047,
0.4566

 147.8738, 0.3817,
0.3823

 2.1303, 0.5364,
0.4636

184.0458, 0.3769,
0.3789

 0.6816, 0.5628,
0.4372

225.6822, 0.3727,

 0.0000, 0.0000,

0.3758

0.0000

273.1674, 0.3690,
0.3730

■ 35.5264, 0.4215,
0.4100

■ 35.5264, 0.4215,
0.4100

■ 32.6280, 0.4455,
0.4214

■ 38.7046, 0.3980,
0.3962

■ 29.9931, 0.4687,
0.4293

■ 42.1675, 0.3757,
0.3811

■ 27.6112, 0.4900,
0.4325

■ 45.9263, 0.3551,
0.3655

■ 25.4681, 0.5081,
0.4304

■ 49.9898, 0.3364,
0.3502

■ 24.3890, 0.5170,
0.4277

■ 54.3664, 0.3197,
0.3354

■ 59.0642, 0.3049,
0.3215

■ 64.0908, 0.2918,
0.3086

■ 69.4535, 0.2802,
0.2967

■ 74.2817, 0.2772,
0.2990

Harmonies

Analogous

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



35.5264, 0.4359, 0.3656



35.5264, 0.4215, 0.4100



35.5264, 0.3777, 0.4389

Triad

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



35.5264, 0.4215, 0.4100



35.5264, 0.2203, 0.3281



35.5264, 0.2965, 0.2457

Complementary

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



35.5264, 0.4215, 0.4100



23.5666, 0.2231, 0.2279

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.



35.5264, 0.2437, 0.2329



35.5264, 0.4215, 0.4100



35.5264, 0.2033, 0.2733

Square

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



35.5264, 0.4215, 0.4100



35.5264, 0.2615, 0.3915



35.5264, 0.2115, 0.2412



35.5264, 0.3597, 0.2760

Rectangle

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



35.5264, 0.4215, 0.4100



35.5264, 0.3392, 0.4408



35.5264, 0.2115, 0.2412



35.5264, 0.2770, 0.2393

Sweetspot

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



35.5281, 0.4215, 0.4100



87.2796, 0.3394, 0.3527



21.0624, 0.4030, 0.2711



18.3540, 0.3432, 0.3559



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.



35.5281, 0.4215, 0.4100



57.0923, 0.4488, 0.4228



51.9391, 0.3828, 0.4622



11.6479, 0.3275, 0.3425



16.0346, 0.5153, 0.4290



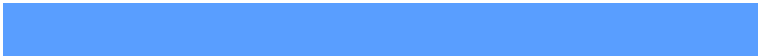
0.8999, 0.4901, 0.4490

Inverse Universe

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



23.5666, 0.2231, 0.2279



33.9043, 0.2055, 0.2022



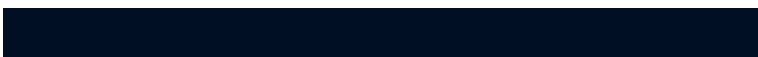
14.0375, 0.2154, 0.1592



11.0011, 0.2983, 0.3152



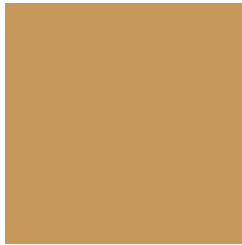
6.7814, 0.1702, 0.1328



0.4635, 0.1818, 0.1745

Previews

White Background



This preview shows how the Yxy color 35.5264, 0.4215, 0.4100 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 35.5264, 0.4215, 0.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

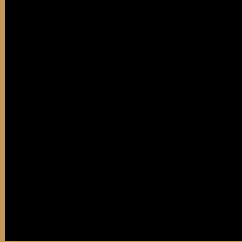
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5264, 0.4215, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 35.5264, 0.4215, 0.4100.



This preview shows how white text looks on a background with the Yxy color 35.5264, 0.4215, 0.4100.

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

35.5264, 0.4215, 0.4100

Protanopia

35.6272, 0.3912, 0.4242

Deuteranopia

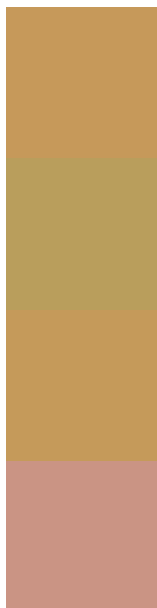
35.7197, 0.4197, 0.4115



Tritanopia

35.4885, 0.3642, 0.3150

Trichromacy



Original Color

35.5264, 0.4215, 0.4100

Protanomaly

35.5407, 0.4025, 0.4187

Deuteranomaly

35.7197, 0.4197, 0.4115

Tritanomaly

35.4023, 0.3868, 0.3501

Monochromacy



Original Color

35.5264, 0.4215, 0.4100

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7194, 0.3507, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5264, 0.4215, 0.4100 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 90) }
```

Border

The CSS property to change the border of an element to Yxy 35.5264, 0.4215, 0.4100 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, 90) }
```

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

```
.border{ border-color:rgb(198, 153, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 90);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5264, 0.4215, 0.4100 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, 90) }
```

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

```
.background{ background-color: rgb(198,  
153, 90) }
```

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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