

Converting Colors

$Yxy(35.3354, 0.4192, 0.3944)$

Have a look what the booklet for
Yxy(35.3354, 0.4192, 0.3944)
contains.

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Color

Yxy(35.2701, 0.4195, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	CA9663
RGB	202, 150, 99
RGB Percent	79%, 59%, 39%
CMY	0.2079, 0.4117, 0.6116
CMYK	0.00, 0.26, 0.51, 0.21
HSL	30°, 49%, 59%
HSV	30°, 51%, 79%
XYZ	37.5147, 35.2701, 16.6424
YIQ	159.7340, 47.3630, -4.8370

Conversions

Conversions Part 2

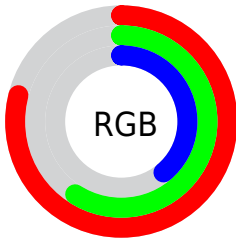
Format	Color
R _Y B	202, 200, 99
Decimal	13276771
CIE Lab	65.96, 13.50, 34.37
CIE LCh	66, 36.929, 68.560
Yxy	35.2701, 0.4195, 0.3944
Android (android.graphics.Color)	4291466851 (0xFFCA9663)
YUV	159.7340, -29.9419, 37.0673
Hunter-Lab	59.3886, 8.8251, 24.9573

Details

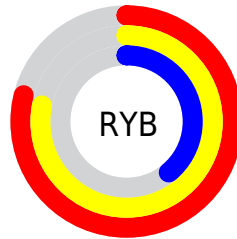
The Yxy color **35.2701, 0.4195, 0.3944** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0556, 0.2317, 0.2505**, and the grayscale version is **35.1509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6801, 0.3940, 0.3840**, and **15.1824, 0.4511, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **31.8179, 0.4468, 0.4049**, and if you desaturate by 10%, it is **39.1057, 0.3938, 0.3820**.

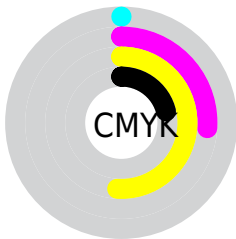
Distribution



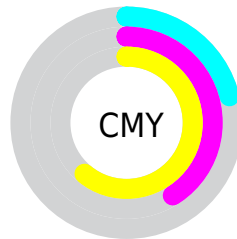
- Red (79%)
- Green (59%)
- Blue (39%)



- Red (79%)
- Yellow (78%)
- Blue (39%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2701, 0.4195, 0.3944 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 35.2701, 0.4195, 0.3944 by changing the saturation by 10% instead.


 35.2701, 0.4195,
0.3944


 35.2701, 0.4195,
0.3944


325.7589, 0.3641,
0.3629

 23.8710, 0.4335,
0.4014


 67.9040, 0.3991,
0.3835


 15.2380, 0.4513,
0.4096


 89.9076, 0.3915,
0.3792

 8.9866, 0.4745,
0.4188


 116.2148, 0.3851,
0.3755

 4.7324, 0.5056,
0.4286

 147.2100, 0.3797,
0.3723

 2.0911, 0.5572,
0.4428

183.2776, 0.3750,
0.3695

 0.6596, 0.5932,
0.4068

224.8021, 0.3709,

 0.0000, 0.0000,

0.3670

0.0000

272.1677, 0.3673,
0.3648

■ 35.2701, 0.4195,
0.3944

■ 35.2701, 0.4195,
0.3944

■ 31.8179, 0.4468,
0.4049

■ 39.1057, 0.3938,
0.3820

■ 28.7293, 0.4745,
0.4123

■ 43.3330, 0.3702,
0.3688

■ 25.9902, 0.5011,
0.4153

■ 47.9664, 0.3491,
0.3555

■ 23.5829, 0.5247,
0.4130

■ 53.0179, 0.3305,
0.3425

■ 21.6712, 0.5430,
0.4070

■ 58.4990, 0.3142,
0.3302

■ 64.4206, 0.3000,
0.3186

■ 70.7931, 0.2876,
0.3080

■ 77.2592, 0.2799,
0.3040

■ 83.1548, 0.2807,
0.3150

Harmonies

Analogous

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



35.2701, 0.4234, 0.3519



35.2701, 0.4195, 0.3944



35.2701, 0.3857, 0.4254

Triad

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



35.2701, 0.4195, 0.3944



35.2701, 0.2358, 0.3441



35.2701, 0.2836, 0.2469

Complementary

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



35.2701, 0.4195, 0.3944



29.0556, 0.2317, 0.2505

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.



35.2701, 0.2390, 0.2401



35.2701, 0.4195, 0.3944



35.2701, 0.2134, 0.2900

Square

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



35.2701, 0.4195, 0.3944



35.2701, 0.2791, 0.3992



35.2701, 0.2147, 0.2539



35.2701, 0.3406, 0.2712

Rectangle

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



35.2701, 0.4195, 0.3944



35.2701, 0.3524, 0.4323



35.2701, 0.2147, 0.2539



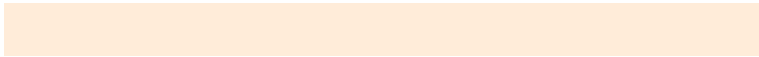
35.2701, 0.2668, 0.2425

Sweetspot

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



35.2718, 0.4195, 0.3944



86.0683, 0.3381, 0.3479



23.7592, 0.3799, 0.2616



18.0319, 0.3421, 0.3507



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.



35.2718, 0.4195, 0.3944



53.4031, 0.4492, 0.4057



54.8920, 0.3875, 0.4495



12.1157, 0.3278, 0.3405



14.1245, 0.5409, 0.4087



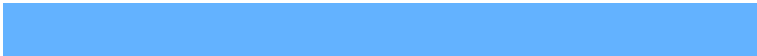
0.8805, 0.5110, 0.4325

Inverse Universe

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



29.0556, 0.2317, 0.2505



41.7326, 0.2158, 0.2299



16.1766, 0.2162, 0.1711



11.7644, 0.2983, 0.3172



9.0357, 0.1780, 0.1607



0.6179, 0.1878, 0.1960

Previews

White Background



This preview shows how the Yxy color 35.2701, 0.4195, 0.3944 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 35.2701, 0.4195, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

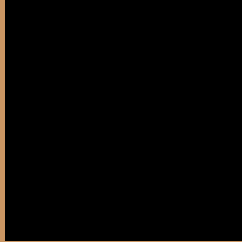
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2701, 0.4195, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 35.2701, 0.4195, 0.3944.



This preview shows how white text looks on a background with the Yxy color 35.2701, 0.4195, 0.3944.

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

35.2701, 0.4195, 0.3944

Protanopia

35.5830, 0.3804, 0.4117

Deuteranopia

35.1336, 0.4100, 0.4019



Tritanopia

35.2434, 0.3701, 0.3152

Trichromacy



Original Color

35.2701, 0.4195, 0.3944

Protanomaly

35.3875, 0.3942, 0.4047

Deuteranomaly

35.2086, 0.4138, 0.3997

Tritanomaly

35.2581, 0.3887, 0.3447

Monochromacy



Original Color

35.2701, 0.4195, 0.3944

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7259, 0.3491, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2701, 0.4195, 0.3944 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(202, 150, 99)` looks like.

```
.text, #text, p{  
    color:rgb(202, 150, 99)  
}
```

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(202, 150, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 150, 99) }
```

Border

The CSS property to change the border of an element to Yxy 35.2701, 0.4195, 0.3944 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(202, 150, 99) }
```

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

```
.border{ border-color:rgb(202, 150, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 150, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 150, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 150, 99);  
box-shadow:4px 4px 4px 4px rgb(202, 150,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2701, 0.4195, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 150, 99) }
```

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

```
.background{ background-color: rgb(202,  
150, 99) }
```

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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