

Converting Colors

Yxy(35.9144, 0.4330, 0.3876)

Have a look what the booklet for
Yxy(35.9144, 0.4330, 0.3876)
contains.

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Color

Yxy(35.9144, 0.4330, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	D59363
RGB	213, 147, 99
RGB Percent	84%, 58%, 39%
CMY	0.1648, 0.4235, 0.6117
CMYK	0.00, 0.31, 0.54, 0.16
HSL	25°, 58%, 61%
HSV	25°, 54%, 84%
XYZ	40.1211, 35.9144, 16.6229
YIQ	161.2620, 54.7440, -0.9360

Conversions

Conversions Part 2

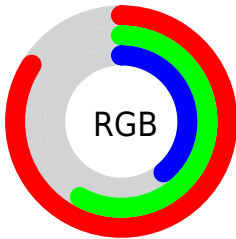
Format	Color
R _Y B	213, 182, 99
Decimal	13996899
CIE Lab	66.45, 19.66, 35.27
CIE LCh	66, 40.382, 60.858
Yxy	35.9144, 0.4330, 0.3876
Android (android.graphics.Color)	4292186979 (0xFFD59363)
YUV	161.2620, -30.6952, 45.3742
Hunter-Lab	59.9286, 14.6273, 25.5043

Details

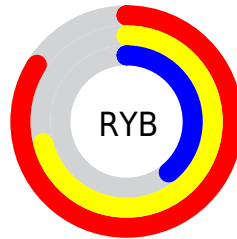
The Yxy color **35.9144, 0.4330, 0.3876** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.3523, 0.2303, 0.2585**, and the grayscale version is **35.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2677, 0.3953, 0.3810**, and **15.5733, 0.4686, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **31.9304, 0.4637, 0.3957**, and if you desaturate by 10%, it is **40.4201, 0.4043, 0.3774**.

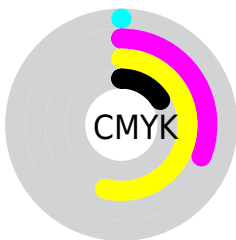
Distribution



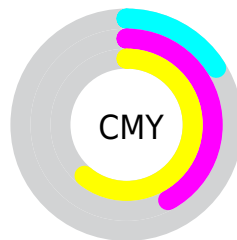
- Red (84%)
- Green (58%)
- Blue (39%)



- Red (84%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9144, 0.4330, 0.3876 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 35.9144, 0.4330, 0.3876 by changing the saturation by 10% instead.


 35.9144, 0.4330,
0.3876


 35.9144, 0.4330,
0.3876


328.5862, 0.3706,
0.3606


 24.3681, 0.4487,
0.3931


 68.8999, 0.4101,
0.3786

 15.6069, 0.4687,
0.3991


 91.1079, 0.4015,
0.3749

 9.2464, 0.4946,
0.4052


 117.6386, 0.3943,
0.3718

 4.9023, 0.5294,
0.4101

 148.8764, 0.3882,
0.3690

 2.1900, 0.5851,
0.4149

185.2057, 0.3829,
0.3665

 0.7145, 0.6269,
0.3731

227.0108, 0.3783,

 0.0000, 1.0000,

0.3643

0.0000

274.6762, 0.3742,
0.3623

0.0000, 0.0000,
0.0000

35.9144, 0.4330,
0.3876

35.9144, 0.4330,
0.3876

31.9304, 0.4637,
0.3957

40.4201, 0.4043,
0.3774

28.4412, 0.4950,
0.4004

45.4623, 0.3783,
0.3661

25.4252, 0.5248,
0.4004

51.0613, 0.3554,
0.3546

22.8559, 0.5506,
0.3951

57.2351, 0.3354,
0.3433

21.4076, 0.5652,
0.3895

64.0005, 0.3182,
0.3326

■ 71.3737, 0.3034,
0.3226

■ 79.3701, 0.2906,
0.3133

■ 87.0432, 0.2873,
0.3193

■ 92.8823, 0.2877,
0.3289

Harmonies

Analogous

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



35.9144, 0.4281, 0.3407



35.9144, 0.4330, 0.3876



35.9144, 0.4032, 0.4264

Triad

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



35.9144, 0.4330, 0.3876



35.9144, 0.2394, 0.3617



35.9144, 0.2668, 0.2369

Complementary

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



35.9144, 0.4330, 0.3876



34.3523, 0.2303, 0.2585

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.



35.9144, 0.2242, 0.2347



35.9144, 0.4330, 0.3876



35.9144, 0.2094, 0.2998

Square

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



35.9144, 0.4330, 0.3876



35.9144, 0.2905, 0.4182



35.9144, 0.2045, 0.2552



35.9144, 0.3263, 0.2585

Rectangle

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



35.9144, 0.4330, 0.3876



35.9144, 0.3697, 0.4403



35.9144, 0.2045, 0.2552



35.9144, 0.2503, 0.2338

Sweetspot

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



35.9162, 0.4330, 0.3876



83.4946, 0.3404, 0.3463



25.8014, 0.3749, 0.2498



17.4531, 0.3445, 0.3486



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.



35.9162, 0.4330, 0.3876



47.3627, 0.4673, 0.3964



57.9807, 0.3952, 0.4479



13.2720, 0.3281, 0.3389



13.2726, 0.5627, 0.3914



0.9624, 0.5321, 0.4157

Inverse Universe

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



34.3523, 0.2303, 0.2585



44.7074, 0.2155, 0.2405



18.2873, 0.2127, 0.1723



13.1904, 0.2982, 0.3189



11.8346, 0.1849, 0.1857



0.8760, 0.1925, 0.2129

Previews

White Background



This preview shows how the Yxy color 35.9144, 0.4330, 0.3876 looks on a white background.

Color Contrast Check

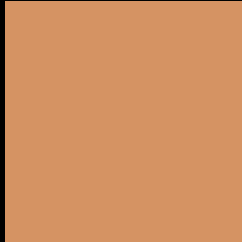
Large Text (above 18pt) WCAG AA × Fail

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 35.9144, 0.4330, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

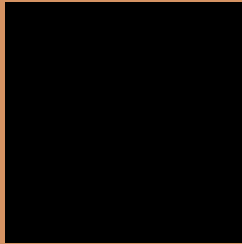
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9144, 0.4330, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 35.9144, 0.4330, 0.3876.



This preview shows how white text looks on a background with the Yxy color 35.9144, 0.4330, 0.3876.

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

35.9144, 0.4330, 0.3876

Protanopia

36.0907, 0.3791, 0.4099

Deuteranopia

36.0415, 0.4116, 0.4049



Tritanopia

35.7422, 0.3850, 0.3157

Trichromacy



Original Color

35.9144, 0.4330, 0.3876

Protanomaly

35.9120, 0.3975, 0.4022

Deuteranomaly

35.8949, 0.4191, 0.3981

Tritanomaly

35.9098, 0.4039, 0.3428

Monochromacy



Original Color

35.9144, 0.4330, 0.3876

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3152, 0.3543, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9144, 0.4330, 0.3876 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(213, 147, 99)` looks like.

```
.text, #text, p{  
    color:rgb(213, 147, 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(213, 147, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 147, 99) }
```

Border

The CSS property to change the border of an element to Yxy 35.9144, 0.4330, 0.3876 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(213, 147, 99) }
```

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

```
.border{ border-color:rgb(213, 147, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 147, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 147, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 147, 99);  
box-shadow:4px 4px 4px 4px rgb(213, 147,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9144, 0.4330, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 147, 99) }
```

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

```
.background{ background-color: rgb(213,  
147, 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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