

Converting Colors

$Y_{xy}(35.2272, 0.3767, 0.4200)$

Have a look what the booklet for
Yxy(35.2272, 0.3767, 0.4200)
contains.

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Color

Yxy(35.1765, 0.3770, 0.4206)

Conversions

Conversions Part 1

Format	Color
Hex	A9A263
RGB	169, 162, 99
RGB Percent	66%, 64%, 39%
CMY	0.3374, 0.3647, 0.6118
CMYK	0.00, 0.04, 0.41, 0.34
HSL	54°, 29%, 53%
HSV	54°, 41%, 66%
XYZ	31.5301, 35.1765, 16.9275
YIQ	156.9110, 24.3950, -18.1090

Conversions

Conversions Part 2

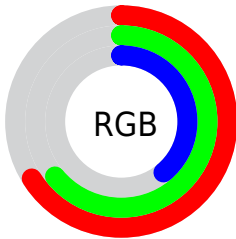
Format	Color
RYB	107, 169, 99
Decimal	11117155
CIELab	65.89, -6.83, 33.64
CIELCh	66, 34.328, 101.480
Yxy	35.1765, 0.3770, 0.4206
Android (android.graphics.Color)	4289307235 (0xFFA9A263)
YUV	156.9110, -28.5501, 10.6021
Hunter-Lab	59.3098, -8.8986, 24.5950

Details

The Yxy color **35.1765, 0.3770, 0.4206** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8122, 0.2393, 0.2168**, and the grayscale version is **33.7962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8676, 0.3648, 0.4029**, and **15.2527, 0.3930, 0.4489** is the 20% darker color. If you saturate the color by 10%, you get **34.2997, 0.3921, 0.4407**, and if you desaturate by 10%, it is **36.1320, 0.3612, 0.3988**.

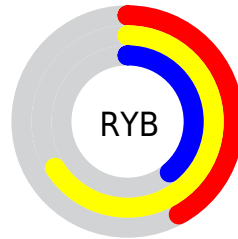
Distribution



Red (66%)

Green (64%)

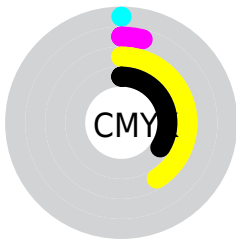
Blue (39%)



Red (42%)

Yellow (66%)

Blue (39%)

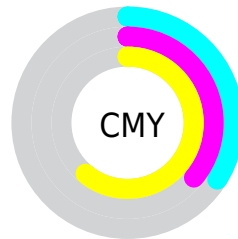


Cyan (0%)

Magenta (4%)

Yellow (41%)

Black (34%)



Cyan (34%)

Magenta (36%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1765, 0.3770, 0.4206 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 35.1765, 0.3770, 0.4206 by changing the saturation by 10% instead.


 35.1765, 0.3770,
0.4206


 35.1765, 0.3770,
0.4206


325.3467, 0.3446,
0.3727

 23.7989, 0.3848,
0.4329


 67.7591, 0.3653,
0.4029

 15.1845, 0.3945,
0.4487


 89.7329, 0.3609,
0.3963

 8.9490, 0.4065,
0.4694


 116.0075, 0.3571,
0.3908

 4.7079, 0.4212,
0.4976

 146.9673, 0.3539,
0.3861

 2.0769, 0.4492,
0.5508

182.9967, 0.3511,
0.3820

 0.6516, 0.4099,
0.5901

224.4802, 0.3486,

 0.0000, 0.0000,

0.3785

0.0000

271.8020, 0.3465,
0.3754

■ 35.1765, 0.3770,
0.4206

■ 35.1765, 0.3770,
0.4206

■ 34.2997, 0.3921,
0.4407

■ 36.1320, 0.3612,
0.3988

■ 33.4926, 0.4058,
0.4583

■ 37.1654, 0.3453,
0.3764

■ 32.7520, 0.4176,
0.4724

■ 38.2818, 0.3297,
0.3539

■ 32.0725, 0.4269,
0.4825

■ 39.4847, 0.3148,
0.3320

■ 31.4475, 0.4336,
0.4882

■ 40.7772, 0.3007,
0.3112

■ 30.9429, 0.4378,
0.4906

■ 42.1623, 0.2877,
0.2916

■ 43.6429, 0.2758,
0.2735

■ 45.2217, 0.2649,
0.2568

■ 46.9014, 0.2551,
0.2415

Harmonies

Analogous

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



35.1765, 0.4104, 0.3941



35.1765, 0.3770, 0.4206



35.1765, 0.3279, 0.4212

Triad

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



35.1765, 0.3770, 0.4206



35.1765, 0.2188, 0.2889



35.1765, 0.3441, 0.2778

Complementary

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



35.1765, 0.3770, 0.4206



15.8122, 0.2393, 0.2168

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.



35.1765, 0.2905, 0.2535



35.1765, 0.3770, 0.4206



35.1765, 0.2222, 0.2568

Square

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



35.1765, 0.3770, 0.4206



35.1765, 0.2379, 0.3380



35.1765, 0.2471, 0.2455



35.1765, 0.3919, 0.3137

Rectangle

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



35.1765, 0.3770, 0.4206



35.1765, 0.2933, 0.4034



35.1765, 0.2471, 0.2455



35.1765, 0.3259, 0.2681

Sweetspot

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



35.1781, 0.3770, 0.4206



68.4182, 0.3309, 0.3557



18.3930, 0.4054, 0.3185



14.8572, 0.3328, 0.3584



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1781, 0.3770, 0.4206



61.5281, 0.3913, 0.4397



34.9283, 0.3451, 0.4397



8.6444, 0.3264, 0.3491



23.1130, 0.4376, 0.4908



0.5977, 0.4308, 0.4961

Inverse Universe

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



15.8122, 0.2393, 0.2168



21.9904, 0.2201, 0.1862



16.2946, 0.2671, 0.2137



7.4162, 0.2986, 0.3080



2.4685, 0.1523, 0.0683



0.0960, 0.1617, 0.1022

Previews

White Background



This preview shows how the Yxy color 35.1765, 0.3770, 0.4206 looks on a white background.

Color Contrast Check

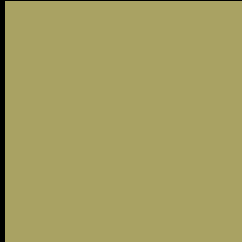
Large Text (above 18pt) WCAG AA × Fail

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 35.1765, 0.3770, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

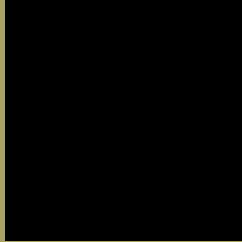
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1765, 0.3770, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 35.1765, 0.3770, 0.4206.



This preview shows how white text looks on a background with the Yxy color 35.1765, 0.3770, 0.4206.

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

35.1765, 0.3770, 0.4206

Protanopia

35.1374, 0.3854, 0.4172

Deuteranopia

35.0595, 0.4061, 0.3985



Tritanopia

35.0945, 0.3234, 0.3123

Trichromacy



Original Color

35.1765, 0.3770, 0.4206

Protanomaly

35.2558, 0.3827, 0.4192

Deuteranomaly

34.8874, 0.3956, 0.4064

Tritanomaly

34.9512, 0.3429, 0.3507

Monochromacy



Original Color

35.1765, 0.3770, 0.4206

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1509, 0.3358, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1765, 0.3770, 0.4206 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(169, 162, 99)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 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(169, 162, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 99) }
```

Border

The CSS property to change the border of an element to Yxy 35.1765, 0.3770, 0.4206 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(169, 162, 99) }
```

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

```
.border{ border-color:rgb(169, 162, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 99);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1765, 0.3770, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 99) }
```

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

```
.background{ background-color: rgb(169,  
162, 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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