

Converting Colors

$Y_{xy}(35.3678, 0.4011, 0.4004)$

Have a look what the booklet for
Yxy(35.3678, 0.4011, 0.4004)
contains.

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Color

Yxy(35.3491, 0.4007, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	BE9B66
RGB	190, 155, 102
RGB Percent	75%, 61%, 40%
CMY	0.2548, 0.3922, 0.5999
CMYK	0.00, 0.18, 0.46, 0.25
HSL	36°, 40%, 57%
HSV	36°, 46%, 75%
XYZ	35.3579, 35.3491, 17.5334
YIQ	159.4230, 37.8730, -9.0630

Conversions

Conversions Part 2

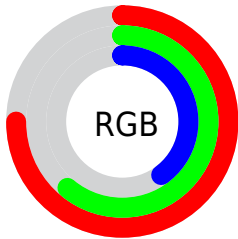
Format	Color
RYB	160, 190, 102
Decimal	12491622
CIELab	66.02, 6.07, 32.60
CIELCh	66, 33.164, 79.459
Yxy	35.3491, 0.4007, 0.4006
Android (android.graphics.Color)	4290681702 (0xFFBE9B66)
YUV	159.4230, -28.3095, 26.8160
Hunter-Lab	59.4551, 2.1074, 24.1339

Details

The Yxy color **35.3491, 0.4007, 0.4006** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.4439, 0.2364, 0.2436**, and the grayscale version is **34.9959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8905, 0.3840, 0.3871**, and **15.3179, 0.4270, 0.4191** is the 20% darker color. If you saturate the color by 10%, you get **32.5776, 0.4237, 0.4145**, and if you desaturate by 10%, it is **38.3680, 0.3786, 0.3853**.

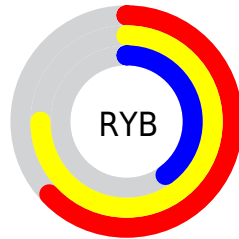
Distribution



Red (75%)

Green (61%)

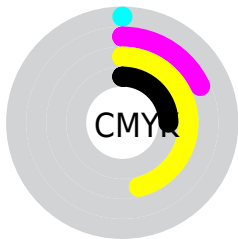
Blue (40%)



Red (63%)

Yellow (75%)

Blue (40%)

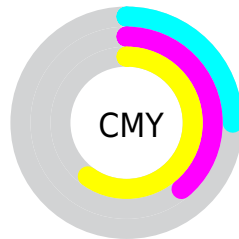


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (25%)



Cyan (25%)

Magenta (39%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3491, 0.4007, 0.4006 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 35.3491, 0.4007, 0.4006 by changing the saturation by 10% instead.


 35.3491, 0.4007,
0.4006


 35.3491, 0.4007,
0.4006


326.1066, 0.3552,
0.3647

 23.9319, 0.4122,
0.4092


 68.0262, 0.3840,
0.3877

 15.2831, 0.4268,
0.4198


 90.0550, 0.3778,
0.3828

 9.0183, 0.4457,
0.4328


 116.3897, 0.3725,
0.3787

 4.7531, 0.4706,
0.4485

 147.4147, 0.3680,
0.3751

 2.1032, 0.5196,
0.4804

183.5146, 0.3642,
0.3720

 0.6664, 0.5397,
0.4603

225.0735, 0.3608,

 0.0000, 0.0000,

0.3693

0.0000

272.4761, 0.3579,
0.3669

■ 35.3491, 0.4007,
0.4006

■ 35.3491, 0.4007,
0.4006

■ 32.5776, 0.4237,
0.4145

■ 38.3680, 0.3786,
0.3853

■ 30.0395, 0.4468,
0.4258

■ 41.6374, 0.3581,
0.3693

■ 27.7269, 0.4689,
0.4333

■ 45.1667, 0.3393,
0.3535

■ 25.6290, 0.4888,
0.4361

■ 48.9632, 0.3224,
0.3382

■ 23.7323, 0.5055,
0.4337

■ 53.0338, 0.3074,
0.3238

■ 23.0754, 0.5113,
0.4322

■ 57.3850, 0.2940,
0.3103

■ 62.0232, 0.2822,
0.2978

■ 66.9544, 0.2718,
0.2863

■ 70.9685, 0.2720,
0.2939

Harmonies

Analogous

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



35.3491, 0.4144, 0.3650



35.3491, 0.4007, 0.4006



35.3491, 0.3633, 0.4204

Triad

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



35.3491, 0.4007, 0.4006



35.3491, 0.2334, 0.3242



35.3491, 0.3047, 0.2608

Complementary

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



35.3491, 0.4007, 0.4006



24.4439, 0.2364, 0.2436

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.



35.3491, 0.2590, 0.2484



35.3491, 0.4007, 0.4006



35.3491, 0.2206, 0.2803

Square

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



35.3491, 0.4007, 0.4006



35.3491, 0.2667, 0.3751



35.3491, 0.2295, 0.2544



35.3491, 0.3565, 0.2879

Rectangle

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



35.3491, 0.4007, 0.4006



35.3491, 0.3309, 0.4187



35.3491, 0.2295, 0.2544



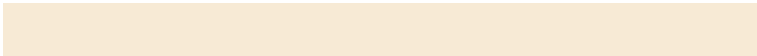
35.3491, 0.2881, 0.2548

Sweetspot

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



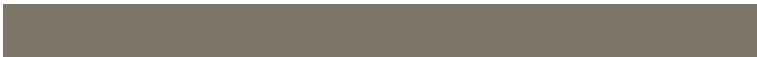
35.3508, 0.4007, 0.4006



83.2294, 0.3357, 0.3503



22.2669, 0.3853, 0.2811



17.9557, 0.3395, 0.3537



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.3508, 0.4007, 0.4006



58.7404, 0.4251, 0.4152



47.6421, 0.3723, 0.4443



10.4660, 0.3274, 0.3428



15.4982, 0.5098, 0.4334



0.7316, 0.4827, 0.4549

Inverse Universe

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



24.4439, 0.2364, 0.2436



36.5108, 0.2188, 0.2195



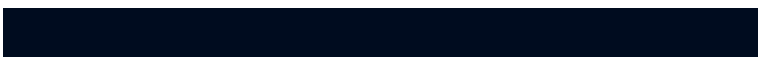
16.5915, 0.2338, 0.1885



9.8316, 0.2984, 0.3148



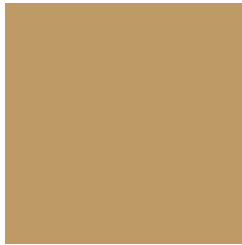
6.0170, 0.1688, 0.1277



0.3641, 0.1825, 0.1768

Previews

White Background



This preview shows how the Yxy color 35.3491, 0.4007, 0.4006 looks on a white background.

Color Contrast Check

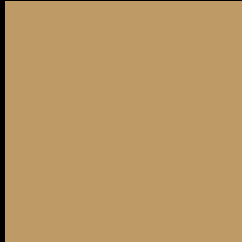
Large Text (above 18pt) WCAG AA × Fail

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 35.3491, 0.4007, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

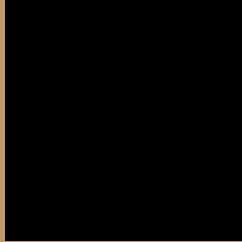
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3491, 0.4007, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 35.3491, 0.4007, 0.4006.



This preview shows how white text looks on a background with the Yxy color 35.3491, 0.4007, 0.4006.

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

35.3491, 0.4007, 0.4006

Protanopia

35.6032, 0.3795, 0.4104

Deuteranopia

35.2111, 0.4062, 0.3969



Tritanopia

35.2851, 0.3508, 0.3146

Trichromacy



Original Color

35.3491, 0.4007, 0.4006

Protanomaly

35.4788, 0.3868, 0.4076

Deuteranomaly

35.4080, 0.4045, 0.3984

Tritanomaly

35.3057, 0.3697, 0.3467

Monochromacy



Original Color

35.3491, 0.4007, 0.4006

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8347, 0.3434, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3491, 0.4007, 0.4006 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(190, 155, 102)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 102)  
}
```

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(190, 155, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 102) }
```

Border

The CSS property to change the border of an element to Yxy 35.3491, 0.4007, 0.4006 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(190, 155, 102) }
```

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

```
.border{ border-color:rgb(190, 155, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 102);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3491, 0.4007, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 102) }
```

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

```
.background{ background-color: rgb(190,  
155, 102) }
```

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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