

Converting Colors

$Yxy(35.3654, 0.3791, 0.4000)$

Have a look what the booklet for
Yxy(35.3654, 0.3791, 0.4000)
contains.

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Color

Yxy(35.3654, 0.3791, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	B29F6D
RGB	178, 159, 109
RGB Percent	70%, 62%, 43%
CMY	0.3020, 0.3764, 0.5725
CMYK	0.00, 0.11, 0.39, 0.30
HSL	43°, 31%, 56%
HSV	43°, 39%, 70%
XYZ	33.5176, 35.3654, 19.5305
YIQ	158.9810, 27.3740, -11.5220

Conversions

Conversions Part 2

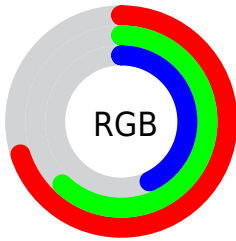
Format	Color
RYB	135, 178, 109
Decimal	11706221
CIELab	66.03, -0.34, 28.64
CIELCh	66, 28.644, 90.675
Yxy	35.3654, 0.3791, 0.4000
Android (android.graphics.Color)	4289896301 (0xFFB29F6D)
YUV	158.9810, -24.6406, 16.6797
Hunter-Lab	59.4688, -3.4650, 22.1564

Details

The Yxy color **35.3654, 0.3791, 0.4000** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.9034, 0.2475, 0.2457**, and the grayscale version is **34.7681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3285, 0.3667, 0.3870**, and **15.3471, 0.3980, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **33.3700, 0.3983, 0.4176**, and if you desaturate by 10%, it is **37.5085, 0.3604, 0.3815**.

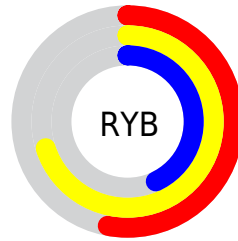
Distribution



Red (70%)

Green (62%)

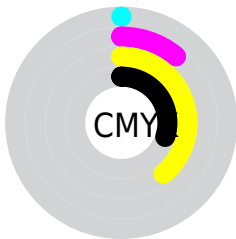
Blue (43%)



Red (53%)

Yellow (70%)

Blue (43%)

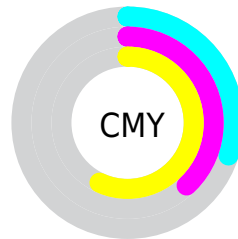


Cyan (0%)

Magenta (11%)

Yellow (39%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3654, 0.3791, 0.4000 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 35.3654, 0.3791, 0.4000 by changing the saturation by 10% instead.


 35.3654, 0.3791,
0.4000


 35.3654, 0.3791,
0.4000


326.1783, 0.3449,
0.3634

 23.9445, 0.3878,
0.4093

 68.0514, 0.3665,
0.3865

 15.2924, 0.3988,
0.4212


 90.0854, 0.3618,
0.3815

 9.0249, 0.4132,
0.4367


 116.4257, 0.3579,
0.3773

 4.7574, 0.4324,
0.4575

 147.4570, 0.3545,
0.3737

 2.1056, 0.4855,
0.5145

183.5634, 0.3516,
0.3706

 0.6678, 0.4840,
0.5160

225.1295, 0.3491,

 0.0000, 0.0000,

0.3679

0.0000

272.5397, 0.3469,
0.3655

■ 35.3654, 0.3791,
0.4000

■ 35.3654, 0.3791,
0.4000

■ 33.3700, 0.3983,
0.4176

■ 37.5085, 0.3604,
0.3815

■ 31.5118, 0.4174,
0.4333

■ 39.7995, 0.3426,
0.3627

■ 29.7866, 0.4355,
0.4461

■ 42.2447, 0.3261,
0.3444

■ 28.1876, 0.4518,
0.4549

■ 44.8485, 0.3109,
0.3269

■ 26.7071, 0.4655,
0.4591

■ 47.6153, 0.2971,
0.3104

■ 25.3319, 0.4765,
0.4589

■ 50.5490, 0.2848,
0.2950

■ 25.1658, 0.4778,
0.4588

■ 53.6535, 0.2736,
0.2808

■ 56.9325, 0.2637,
0.2677

■ 59.4407, 0.2624,
0.2699

Harmonies

Analogous

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



35.3654, 0.3992, 0.3737



35.3654, 0.3791, 0.4000



35.3654, 0.3417, 0.4081

Triad

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



35.3654, 0.3791, 0.4000



35.3654, 0.2371, 0.3098



35.3654, 0.3229, 0.2768

Complementary

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



35.3654, 0.3791, 0.4000



21.9034, 0.2475, 0.2457

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.



35.3654, 0.2798, 0.2607



35.3654, 0.3791, 0.4000



35.3654, 0.2328, 0.2766

Square

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



35.3654, 0.3791, 0.4000



35.3654, 0.2603, 0.3528



35.3654, 0.2478, 0.2600



35.3654, 0.3659, 0.3047

Rectangle

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



35.3654, 0.3791, 0.4000



35.3654, 0.3126, 0.3994



35.3654, 0.2478, 0.2600



35.3654, 0.3079, 0.2699

Sweetspot

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



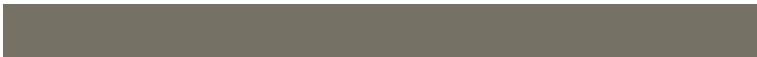
35.3670, 0.3791, 0.4000



75.0528, 0.3316, 0.3507



21.9770, 0.3796, 0.3005



16.5012, 0.3337, 0.3530



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.3670, 0.3791, 0.4000



60.8508, 0.3965, 0.4160



40.7332, 0.3554, 0.4284



9.5033, 0.3270, 0.3454



18.1175, 0.4770, 0.4595



0.6615, 0.4576, 0.4748

Inverse Universe

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



21.9034, 0.2475, 0.2457



32.8224, 0.2308, 0.2220



18.4357, 0.2573, 0.2175



8.5982, 0.2985, 0.3120



3.9635, 0.1601, 0.0964



0.2247, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 35.3654, 0.3791, 0.4000 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 35.3654, 0.3791, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

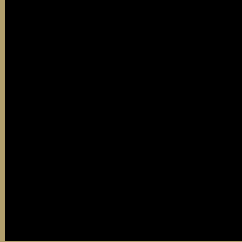
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3654, 0.3791, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 35.3654, 0.3791, 0.4000.



This preview shows how white text looks on a background with the Yxy color 35.3654, 0.3791, 0.4000.

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

35.3654, 0.3791, 0.4000

Protanopia

35.2661, 0.3735, 0.4010

Deuteranopia

35.4435, 0.3957, 0.3885



Tritanopia

35.3272, 0.3337, 0.3127

Trichromacy



Original Color

35.3654, 0.3791, 0.4000

Protanomaly

35.3814, 0.3745, 0.4008

Deuteranomaly

35.4675, 0.3893, 0.3923

Tritanomaly

35.4014, 0.3508, 0.3445

Monochromacy



Original Color

35.3654, 0.3791, 0.4000

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8264, 0.3362, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3654, 0.3791, 0.4000 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(178, 159, 109)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 109)  
}
```

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(178, 159, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 109) }
```

Border

The CSS property to change the border of an element to Yxy 35.3654, 0.3791, 0.4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

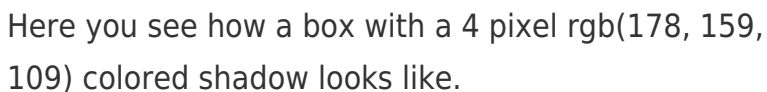
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 159, 109) }
```

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

```
.border{ border-color:rgb(178, 159, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 159, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 159, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 159, 109); box-shadow:4px 4px 4px 4px rgb(178, 159, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3654, 0.3791, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 109) }
```

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

```
.background{ background-color: rgb(178,  
159, 109) }
```

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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