

Converting Colors

$Y_{xy}(35.1109, 0.4015, 0.3819)$

Have a look what the booklet for
Yxy(35.1109, 0.4015, 0.3819)
contains.

Yxy(35.1512, 0.4018, 0.3821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.1512, 0.4018, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	C5976F
RGB	197, 151, 111
RGB Percent	77%, 59%, 44%
CMY	0.2274, 0.4078, 0.5646
CMYK	0.00, 0.23, 0.44, 0.23
HSL	28°, 43%, 60%
HSV	28°, 44%, 77%
XYZ	36.9635, 35.1512, 19.8801
YIQ	160.1940, 40.2560, -2.6880

Conversions

Conversions Part 2

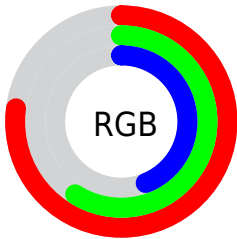
Format	Color
RYB	197, 186, 111
Decimal	12949359
CIELab	65.87, 12.09, 27.69
CIELCh	66, 30.212, 66.409
Yxy	35.1512, 0.4018, 0.3821
Android (android.graphics.Color)	4291139439 (0xFFC5976F)
YUV	160.1940, -24.2526, 32.2789
Hunter-Lab	59.2884, 7.5314, 21.6213

Details

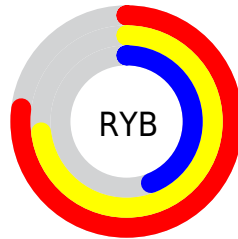
The Yxy color **35.1512, 0.4018, 0.3821** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5328, 0.2440, 0.2681**, and the grayscale version is **35.3497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5670, 0.3844, 0.3727**, and **15.1359, 0.4288, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **31.5233, 0.4289, 0.3934**, and if you desaturate by 10%, it is **39.1815, 0.3770, 0.3698**.

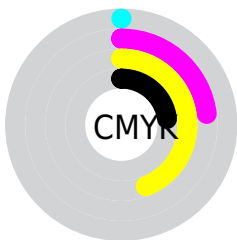
Distribution



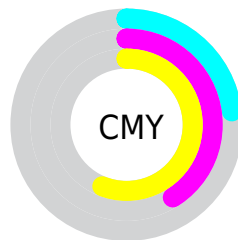
- Red (77%)
- Green (59%)
- Blue (44%)



- Red (77%)
- Yellow (73%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1512, 0.4018, 0.3821 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 35.1512, 0.4018, 0.3821 by changing the saturation by 10% instead.


 35.1512, 0.4018,
0.3821


 35.1512, 0.4018,
0.3821


325.2352, 0.3552,
0.3560

 23.7794, 0.4139,
0.3882


 67.7199, 0.3845,
0.3729


 15.1700, 0.4295,
0.3956


 89.6856, 0.3781,
0.3693

 8.9388, 0.4504,
0.4046


 115.9514, 0.3727,
0.3663

 4.7013, 0.4792,
0.4150

 146.9016, 0.3682,
0.3636

 2.0731, 0.5504,
0.4496

182.9207, 0.3642,
0.3614

 0.6494, 0.5847,
0.4153

224.3931, 0.3608,

 0.0000, 0.0000,

0.3594

0.0000

271.7031, 0.3578,
0.3576

■ 35.1512, 0.4018,
0.3821

■ 35.1512, 0.4018,
0.3821

■ 31.5233, 0.4289,
0.3934

■ 39.1815, 0.3770,
0.3698

■ 28.2785, 0.4577,
0.4025

■ 43.6225, 0.3548,
0.3572

■ 25.4031, 0.4867,
0.4082

■ 48.4886, 0.3353,
0.3449

■ 22.8803, 0.5141,
0.4093

■ 53.7918, 0.3183,
0.3331

■ 20.6911, 0.5381,
0.4050

■ 59.5436, 0.3036,
0.3221

■ 19.4576, 0.5516,
0.4002

■ 65.7551, 0.2908,
0.3119

■ 72.4369, 0.2798,
0.3025

■ 78.6907, 0.2773,
0.3078

■ 84.9168, 0.2782,
0.3192

Harmonies

Analogous

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



35.1512, 0.4023, 0.3466



35.1512, 0.4018, 0.3821



35.1512, 0.3762, 0.4074

Triad

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



35.1512, 0.4018, 0.3821



35.1512, 0.2513, 0.3452



35.1512, 0.2859, 0.2593

Complementary

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



35.1512, 0.4018, 0.3821



31.5328, 0.2440, 0.2681

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.



35.1512, 0.2495, 0.2551



35.1512, 0.4018, 0.3821



35.1512, 0.2307, 0.3007

Square

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



35.1512, 0.4018, 0.3821



35.1512, 0.2887, 0.3882



35.1512, 0.2302, 0.2688



35.1512, 0.3325, 0.2789

Rectangle

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



35.1512, 0.4018, 0.3821



35.1512, 0.3494, 0.4131



35.1512, 0.2302, 0.2688



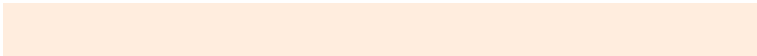
35.1512, 0.2722, 0.2560

Sweetspot

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



35.1529, 0.4018, 0.3821



87.2478, 0.3345, 0.3443



25.7229, 0.3627, 0.2673



18.2405, 0.3386, 0.3470



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.



35.1529, 0.4018, 0.3821



56.9808, 0.4266, 0.3925



51.0290, 0.3791, 0.4308



11.4363, 0.3278, 0.3398



12.9612, 0.5495, 0.4019



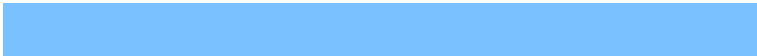
0.7583, 0.5155, 0.4289

Inverse Universe

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



31.5328, 0.2440, 0.2681



49.6775, 0.2301, 0.2525



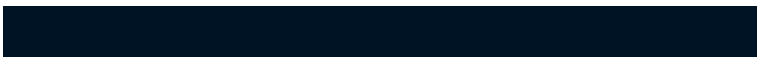
19.7458, 0.2327, 0.2015



11.2114, 0.2983, 0.3180



9.5184, 0.1809, 0.1711



0.5947, 0.1908, 0.2069

Previews

White Background



This preview shows how the Yxy color 35.1512, 0.4018, 0.3821 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 35.1512, 0.4018, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

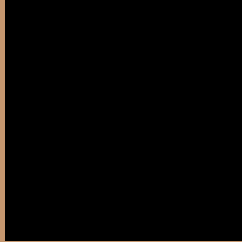
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1512, 0.4018, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 35.1512, 0.4018, 0.3821.



This preview shows how white text looks on a background with the Yxy color 35.1512, 0.4018, 0.3821.

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

35.1512, 0.4018, 0.3821

Protanopia

35.2637, 0.3678, 0.3942

Deuteranopia

35.0065, 0.3943, 0.3861



Tritanopia

35.0686, 0.3610, 0.3148

Trichromacy



Original Color

35.1512, 0.4018, 0.3821

Protanomaly

35.2739, 0.3796, 0.3894

Deuteranomaly

34.9416, 0.3970, 0.3843

Tritanomaly

35.0402, 0.3765, 0.3384

Monochromacy



Original Color

35.1512, 0.4018, 0.3821

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9512, 0.3429, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1512, 0.4018, 0.3821 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(197, 151, 111)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 111)  
}
```

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(197, 151, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 111) }
```

Border

The CSS property to change the border of an element to Yxy 35.1512, 0.4018, 0.3821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

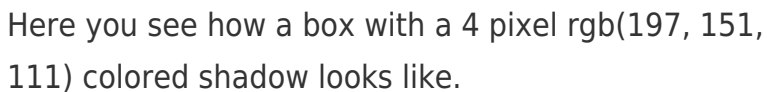
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 111) }
```

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

```
.border{ border-color:rgb(197, 151, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 151, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 151, 111); box-shadow:4px 4px 4px 4px rgb(197, 151, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1512, 0.4018, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 111) }
```

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

```
.background{ background-color: rgb(197,  
151, 111) }
```

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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