

Converting Colors

$Yxy(35.3941, 0.3652, 0.3911)$

Have a look what the booklet for
Yxy(35.3941, 0.3652, 0.3911)
contains.

Yxy(35.3102, 0.3659, 0.3913)	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(35.3102, 0.3659, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	ADA075
RGB	173, 160, 117
RGB Percent	68%, 63%, 46%
CMY	0.3215, 0.3726, 0.5411
CMYK	0.00, 0.08, 0.32, 0.32
HSL	46°, 25%, 57%
HSV	46°, 32%, 68%
XYZ	33.0182, 35.3102, 21.9098
YIQ	158.9850, 21.5510, -10.6170

Conversions

Conversions Part 2

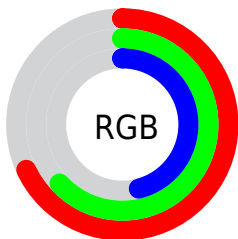
Format	Color
RYB	134, 173, 117
Decimal	11378805
CIELab	65.99, -1.92, 24.16
CIELCh	66, 24.238, 94.536
Yxy	35.3102, 0.3659, 0.3913
Android (android.graphics.Color)	4289568885 (0xFFADA075)
YUV	158.9850, -20.6986, 12.2912
Hunter-Lab	59.4224, -4.8053, 19.7347

Details

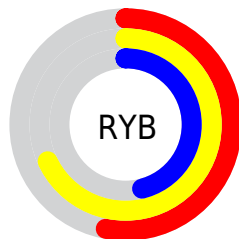
The Yxy color **35.3102, 0.3659, 0.3913** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.7744, 0.2588, 0.2577**, and the grayscale version is **34.7548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1235, 0.3558, 0.3801**, and **15.3477, 0.3824, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **33.5699, 0.3840, 0.4105**, and if you desaturate by 10%, it is **37.1740, 0.3483, 0.3716**.

Distribution



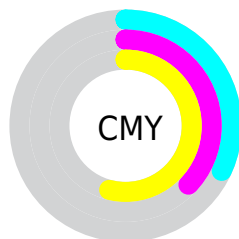
- Red (68%)
- Green (63%)
- Blue (46%)



- Red (53%)
- Yellow (68%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (32%)





- Cyan (32%)
- Magenta (37%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3102, 0.3659, 0.3913 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 35.3102, 0.3659, 0.3913 by changing the saturation by 10% instead.


 35.3102, 0.3659,
0.3913

 35.3102, 0.3659,
0.3913


325.9354, 0.3384,
0.3588


 23.9019, 0.3729,
0.3997


 67.9660, 0.3558,
0.3792

 15.2609, 0.3820,
0.4107


 89.9824, 0.3520,
0.3748

 9.0027, 0.3941,
0.4254


 116.3036, 0.3488,
0.3710

 4.7429, 0.4105,
0.4459

147.3139, 0.3461,
0.3679

 2.0972, 0.4501,
0.4938

183.3979, 0.3438,
0.3651

 0.6631, 0.4681,
0.5319

224.9399, 0.3418,

 0.0000, 0.0000,

0.3628

0.0000

272.3243, 0.3400,
0.3607

■ 35.3102, 0.3659,
0.3913

■ 35.3102, 0.3659,
0.3913

■ 33.5699, 0.3840,
0.4105

■ 37.1740, 0.3483,
0.3716

■ 31.9438, 0.4021,
0.4283

■ 39.1608, 0.3317,
0.3522

■ 30.4285, 0.4196,
0.4437

■ 41.2761, 0.3162,
0.3333

■ 29.0184, 0.4355,
0.4558

■ 43.5237, 0.3020,
0.3155

■ 27.7073, 0.4493,
0.4638

■ 45.9071, 0.2891,
0.2987

■ 26.4879, 0.4602,
0.4671

■ 48.4299, 0.2774,
0.2832

■ 25.6069, 0.4671,
0.4673

■ 51.0951, 0.2669,
0.2690

■ 53.8784, 0.2577,
0.2563

■ 55.6705, 0.2583,
0.2611

Harmonies

Analogous

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



35.3102, 0.3849, 0.3711



35.3102, 0.3659, 0.3913



35.3102, 0.3331, 0.3947

Triad

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



35.3102, 0.3659, 0.3913



35.3102, 0.2467, 0.3090



35.3102, 0.3265, 0.2869

Complementary

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



35.3102, 0.3659, 0.3913



22.7744, 0.2588, 0.2577

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.



35.3102, 0.2893, 0.2714



35.3102, 0.3659, 0.3913



35.3102, 0.2450, 0.2820

Square

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



35.3102, 0.3659, 0.3913



35.3102, 0.2648, 0.3446



35.3102, 0.2601, 0.2692



35.3102, 0.3617, 0.3121

Rectangle

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



35.3102, 0.3659, 0.3913



35.3102, 0.3082, 0.3853



35.3102, 0.2601, 0.2692



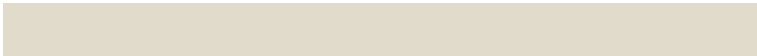
35.3102, 0.3137, 0.2804

Sweetspot

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



35.3118, 0.3659, 0.3913



70.9331, 0.3282, 0.3480



23.2263, 0.3683, 0.3095



15.3061, 0.3303, 0.3506



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.3118, 0.3659, 0.3913



60.9285, 0.3791, 0.4054



38.4542, 0.3460, 0.4122



9.0098, 0.3268, 0.3463



18.8989, 0.4665, 0.4678



0.6018, 0.4496, 0.4812

Inverse Universe

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



22.7744, 0.2588, 0.2577



34.9018, 0.2451, 0.2383



20.6458, 0.2712, 0.2391



8.0481, 0.2986, 0.3111



3.4166, 0.1577, 0.0877



0.1774, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 35.3102, 0.3659, 0.3913 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 35.3102, 0.3659, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

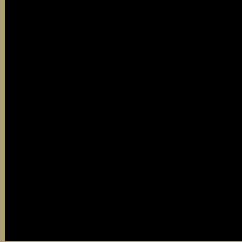
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3102, 0.3659, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 35.3102, 0.3659, 0.3913.



This preview shows how white text looks on a background with the Yxy color 35.3102, 0.3659, 0.3913.

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

35.3102, 0.3659, 0.3913

Protanopia

35.1966, 0.3648, 0.3916

Deuteranopia

35.3664, 0.3857, 0.3783



Tritanopia

35.4481, 0.3264, 0.3125

Trichromacy



Original Color

35.3102, 0.3659, 0.3913

Protanomaly

35.1966, 0.3648, 0.3916

Deuteranomaly

35.2753, 0.3784, 0.3821

Tritanomaly

35.2622, 0.3414, 0.3404

Monochromacy



Original Color

35.3102, 0.3659, 0.3913

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7024, 0.3314, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3102, 0.3659, 0.3913 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(173, 160, 117)` looks like.

```
.text, #text, p{  
    color:rgb(173, 160, 117)  
}
```

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(173, 160, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 117) }
```

Border

The CSS property to change the border of an element to Yxy 35.3102, 0.3659, 0.3913 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(173, 160, 117) }
```

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

```
.border{ border-color:rgb(173, 160, 117) }
```

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

Here you see how a box with a 4 pixel rgb(173, 160, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 160, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 160, 117);  
box-shadow:4px 4px 4px 4px rgb(173, 160,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3102, 0.3659, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 117) }
```

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

```
.background{ background-color: rgb(173,  
160, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor