

Converting Colors

$Y_{xy}(35.3003, 0.3476, 0.3703)$

Have a look what the booklet for
Yxy(35.3003, 0.3476, 0.3703)
contains.

Yxy(35.2426, 0.3476, 0.3701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2426, 0.3476, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	A9A084
RGB	169, 160, 132
RGB Percent	66%, 63%, 52%
CMY	0.3372, 0.3726, 0.4824
CMYK	0.00, 0.05, 0.22, 0.34
HSL	45°, 18%, 59%
HSV	45°, 22%, 66%
XYZ	33.1000, 35.2426, 26.8819
YIQ	159.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

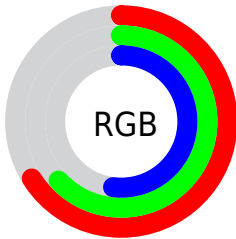
Format	Color
RYB	144, 169, 132
Decimal	11116676
CIELab	65.94, -1.40, 15.80
CIElCh	66, 15.866, 95.065
Yxy	35.2426, 0.3476, 0.3701
Android (android.graphics.Color)	4289306756 (0xFFA9A084)
YUV	159.4990, -13.5570, 8.3324
Hunter-Lab	59.3655, -4.3644, 14.7081

Details

The Yxy color **35.2426, 0.3476, 0.3701** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.8209, 0.2777, 0.2842**, and the grayscale version is **34.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1112, 0.3412, 0.3625**, and **15.3284, 0.3596, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **33.4146, 0.3652, 0.3895**, and if you desaturate by 10%, it is **37.1960, 0.3310, 0.3509**.

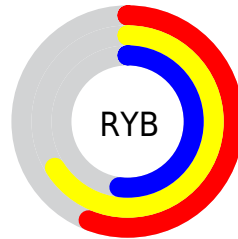
Distribution



Red (66%)

Green (63%)

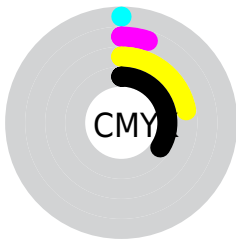
Blue (52%)



Red (56%)

Yellow (66%)

Blue (52%)

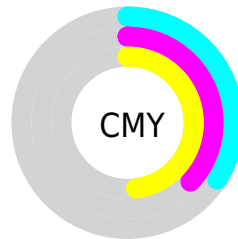


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (34%)



Cyan (34%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2426, 0.3476, 0.3701 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 35.2426, 0.3476, 0.3701 by changing the saturation by 10% instead.


 35.2426, 0.3476,
0.3701


 35.2426, 0.3476,
0.3701


325.6379, 0.3294,
0.3486


 23.8498, 0.3524,
0.3758


 67.8614, 0.3408,
0.3620

 15.2222, 0.3586,
0.3833


 89.8562, 0.3383,
0.3591

 8.9755, 0.3671,
0.3936


 116.1539, 0.3362,
0.3566

 4.7252, 0.3793,
0.4085

147.1387, 0.3345,
0.3545

 2.0870, 0.3985,
0.4324

183.1951, 0.3329,
0.3527

 0.6573, 0.4733,
0.5267

224.7075, 0.3316,

 0.0000, 0.0000,

0.3511

0.0000

272.0603, 0.3305,
0.3498

■ 35.2426, 0.3476,
0.3701

■ 35.2426, 0.3476,
0.3701

■ 33.4146, 0.3652,
0.3895

■ 37.1960, 0.3310,
0.3509

■ 31.7031, 0.3835,
0.4084

■ 39.2739, 0.3155,
0.3324

■ 30.1055, 0.4019,
0.4261

■ 41.4815, 0.3014,
0.3149

■ 28.6170, 0.4197,
0.4415

■ 43.8221, 0.2886,
0.2985

■ 27.2323, 0.4361,
0.4536

■ 46.2990, 0.2770,
0.2833

■ 25.9456, 0.4504,
0.4617

■ 48.9154, 0.2666,
0.2693

■ 24.7498, 0.4619,
0.4651

■ 51.6742, 0.2573,
0.2565

■ 23.8373, 0.4697,
0.4652

■ 53.7674, 0.2553,
0.2568

■ 55.6122, 0.2560,
0.2617

Harmonies

Analogous

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



35.2426, 0.3598, 0.3579



35.2426, 0.3476, 0.3701



35.2426, 0.3262, 0.3712

Triad

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



35.2426, 0.3476, 0.3701



35.2426, 0.2686, 0.3162



35.2426, 0.3225, 0.3010

Complementary

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



35.2426, 0.3476, 0.3701



26.8209, 0.2777, 0.2842

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.



35.2426, 0.2979, 0.2904



35.2426, 0.3476, 0.3701



35.2426, 0.2676, 0.2982

Square

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



35.2426, 0.3476, 0.3701



35.2426, 0.2808, 0.3390



35.2426, 0.2781, 0.2891



35.2426, 0.3451, 0.3184

Rectangle

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



35.2426, 0.3476, 0.3701



35.2426, 0.3098, 0.3648



35.2426, 0.2781, 0.2891



35.2426, 0.3142, 0.2966

Sweetspot

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



35.2442, 0.3476, 0.3701



68.3510, 0.3234, 0.3420



26.8660, 0.3454, 0.3152



14.8526, 0.3243, 0.3430



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.



35.2442, 0.3476, 0.3701



61.5857, 0.3555, 0.3789



37.4978, 0.3360, 0.3841



8.4596, 0.3268, 0.3460



17.8479, 0.4691, 0.4657



0.5069, 0.4496, 0.4812

Inverse Universe

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



26.8209, 0.2777, 0.2842



43.9584, 0.2697, 0.2735



25.0479, 0.2859, 0.2709



7.5863, 0.2986, 0.3114



3.3981, 0.1584, 0.0902



0.1598, 0.1758, 0.1529

Previews

White Background



This preview shows how the Yxy color 35.2426, 0.3476, 0.3701 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 35.2426, 0.3476, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

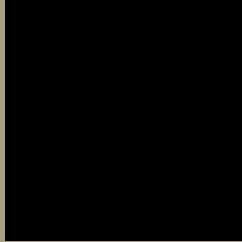
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

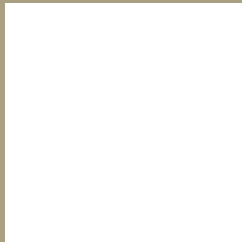
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2426, 0.3476, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 35.2426, 0.3476, 0.3701.



This preview shows how white text looks on a background with the Yxy color 35.2426, 0.3476, 0.3701.

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

35.2426, 0.3476, 0.3701

Protanopia

35.2426, 0.3476, 0.3701

Deuteranopia

35.1189, 0.3653, 0.3584



Tritanopia

35.2314, 0.3204, 0.3122

Trichromacy



Original Color

35.2426, 0.3476, 0.3701

Protanomaly

35.2426, 0.3476, 0.3701

Deuteranomaly

35.0541, 0.3583, 0.3618

Tritanomaly

35.2177, 0.3304, 0.3333

Monochromacy



Original Color

35.2426, 0.3476, 0.3701

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1302, 0.3247, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2426, 0.3476, 0.3701 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, 160, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 132)  
}
```

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, 160, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.2426, 0.3476, 0.3701 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, 160, 132) }
```

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

```
.border{ border-color:rgb(169, 160, 132) }
```

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

Here you see how a box with a 4 pixel rgb(169, 160, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2426, 0.3476, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 132) }
```

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

```
.background{ background-color: rgb(169,  
160, 132) }
```

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