

Converting Colors

$Yxy(35.3607, 0.33339, 0.3417)$

Have a look what the booklet for
Yxy(35.3607, 0.3339, 0.3417)
contains.

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Color

Yxy(35.2816, 0.3339, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	AB9E95
RGB	171, 158, 149
RGB Percent	67%, 62%, 58%
CMY	0.3294, 0.3804, 0.4156
CMYK	0.00, 0.08, 0.13, 0.33
HSL	25°, 12%, 63%
HSV	25°, 13%, 67%
XYZ	34.4460, 35.2816, 33.4350
YIQ	160.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

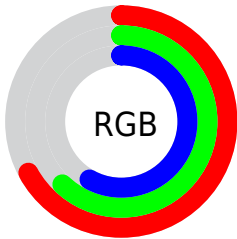
Format	Color
RYB	171, 164, 149
Decimal	11247253
CIELab	65.97, 3.17, 6.39
CIELCh	66, 7.137, 63.595
Yxy	35.2816, 0.3339, 0.3420
Android (android.graphics.Color)	4289437333 (0xFFAB9E95)
YUV	160.8610, -5.8475, 8.8919
Hunter-Lab	59.3983, -0.4322, 8.2048

Details

The Yxy color **35.2816, 0.3339, 0.3420** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1733, 0.2932, 0.3156**, and the grayscale version is **35.5975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0690, 0.3294, 0.3401**, and **15.3192, 0.3417, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **31.4693, 0.3534, 0.3528**, and if you desaturate by 10%, it is **39.4608, 0.3171, 0.3318**.

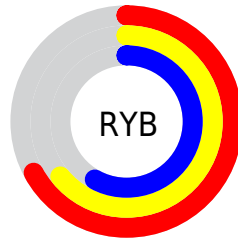
Distribution



Red (67%)

Green (62%)

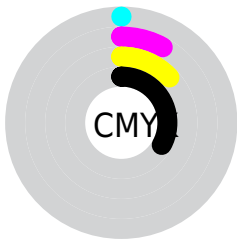
Blue (58%)



Red (67%)

Yellow (64%)

Blue (58%)

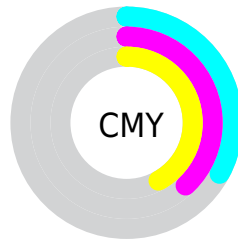


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2816, 0.3339, 0.3420 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 35.2816, 0.3339, 0.3420 by changing the saturation by 10% instead.


 35.2816, 0.3339,
0.3420


 35.2816, 0.3339,
0.3420


325.8096, 0.3228,
0.3353

 23.8799, 0.3369,
0.3438


 67.9218, 0.3297,
0.3395

 15.2445, 0.3408,
0.3461


 89.9290, 0.3282,
0.3386

 8.9912, 0.3462,
0.3492


116.2402, 0.3269,
0.3378

 4.7354, 0.3543,
0.3538

147.2398, 0.3258,
0.3371

 2.0929, 0.3674,
0.3610

183.3121, 0.3249,
0.3366

 0.6606, 0.4305,
0.4032

224.8416, 0.3241,

 0.0000, 0.0000,

0.3361

0.0000

272.2126, 0.3234,
0.3357

■ 35.2816, 0.3339,
0.3420

■ 35.2816, 0.3339,
0.3420

■ 31.4693, 0.3534,
0.3528

■ 39.4608, 0.3171,
0.3318

■ 28.0088, 0.3758,
0.3638

■ 44.0119, 0.3026,
0.3223

■ 24.8911, 0.4013,
0.3746

■ 48.9460, 0.2902,
0.3135

■ 22.1046, 0.4297,
0.3846

■ 54.2721, 0.2794,
0.3054

■ 19.6373, 0.4602,
0.3927

■ 59.9989, 0.2702,
0.2980

■ 17.4762, 0.4916,
0.3977

■ 66.1350, 0.2622,
0.2912

■ 15.6073, 0.5220,
0.3984

■ 71.7736, 0.2619,
0.2994

■ 14.0147, 0.5489,
0.3940

■ 77.5213, 0.2634,
0.3110

■ 13.0298, 0.5661,
0.3887

■ 83.5998, 0.2648,
0.3222

Harmonies

Analogous

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



35.2816, 0.3332, 0.3334



35.2816, 0.3339, 0.3420



35.2816, 0.3289, 0.3473

Triad

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



35.2816, 0.3339, 0.3420



35.2816, 0.2987, 0.3341



35.2816, 0.3057, 0.3111

Complementary

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



35.2816, 0.3339, 0.3420



35.1733, 0.2932, 0.3156

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.



35.2816, 0.2967, 0.3109



35.2816, 0.3339, 0.3420



35.2816, 0.2927, 0.3240

Square

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



35.2816, 0.3339, 0.3420



35.2816, 0.3085, 0.3428



35.2816, 0.2920, 0.3156



35.2816, 0.3167, 0.3158

Rectangle

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



35.2816, 0.3339, 0.3420



35.2816, 0.3230, 0.3482



35.2816, 0.2920, 0.3156



35.2816, 0.3023, 0.3105

Sweetspot

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



35.2832, 0.3339, 0.3420



69.7314, 0.3190, 0.3330



32.7733, 0.3226, 0.3102



15.4235, 0.3202, 0.3337



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.



35.2832, 0.3339, 0.3420



61.4888, 0.3383, 0.3446



39.1273, 0.3319, 0.3571



8.5332, 0.3277, 0.3383



9.9219, 0.5644, 0.3900



0.3853, 0.5103, 0.4330

Inverse Universe

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



35.1733, 0.2932, 0.3156



61.2585, 0.2894, 0.3129



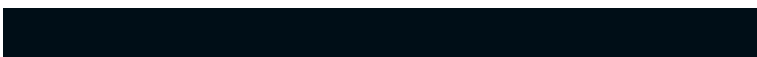
31.5336, 0.2928, 0.2993



8.5143, 0.2986, 0.3195



9.3469, 0.1865, 0.1914



0.3641, 0.1994, 0.2377

Previews

White Background



This preview shows how the Yxy color 35.2816, 0.3339, 0.3420 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 35.2816, 0.3339, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

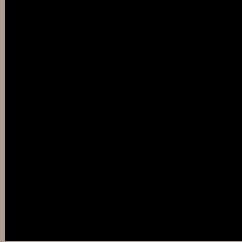
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2816, 0.3339, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 35.2816, 0.3339, 0.3420.



This preview shows how white text looks on a background with the Yxy color 35.2816, 0.3339, 0.3420.

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

35.2816, 0.3339, 0.3420

Protanopia

35.4506, 0.3276, 0.3436

Deuteranopia

35.3480, 0.3428, 0.3361



Tritanopia

35.1169, 0.3194, 0.3122

Trichromacy



Original Color

35.2816, 0.3339, 0.3420

Protanomaly

35.3231, 0.3298, 0.3421

Deuteranomaly

35.3261, 0.3395, 0.3376

Tritanomaly

35.0857, 0.3248, 0.3234

Monochromacy



Original Color

35.2816, 0.3339, 0.3420

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5753, 0.3202, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2816, 0.3339, 0.3420 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(171, 158, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 149)  
}
```

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(171, 158, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 149) }
```

Border

The CSS property to change the border of an element to Yxy 35.2816, 0.3339, 0.3420 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(171, 158, 149) }
```

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

```
.border{ border-color:rgb(171, 158, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2816, 0.3339, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 149) }
```

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

```
.background{ background-color: rgb(171,  
158, 149) }
```

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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