

Converting Colors

$Yxy(36.0103, 0.3296, 0.3257)$

Have a look what the booklet for
Yxy(36.0103, 0.3296, 0.3257)
contains.

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Color

Yxy(35.9991, 0.3297, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	B19DA0
RGB	177, 157, 160
RGB Percent	69%, 62%, 63%
CMY	0.3059, 0.3843, 0.3726
CMYK	0.00, 0.11, 0.10, 0.31
HSL	351°, 11%, 65%
HSV	351°, 11%, 69%
XYZ	36.5309, 35.9991, 38.2705
YIQ	163.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

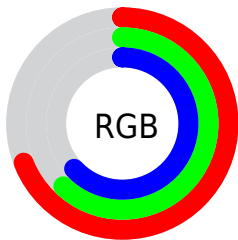
Format	Color
RYB	177, 157, 160
Decimal	11640224
CIELab	66.52, 7.85, 1.13
CIELCh	67, 7.928, 8.193
Yxy	35.9991, 0.3297, 0.3249
Android (android.graphics.Color)	4289830304 (0xFFB19DA0)
YUV	163.3220, -1.6377, 11.9956
Hunter-Lab	59.9992, 3.6822, 4.1814

Details

The Yxy color **35.9991, 0.3297, 0.3249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6680, 0.2980, 0.3331**, and the grayscale version is **36.7899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3169, 0.3263, 0.3258**, and **15.6973, 0.3341, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **29.9429, 0.3486, 0.3210**, and if you desaturate by 10%, it is **42.9900, 0.3145, 0.3286**.

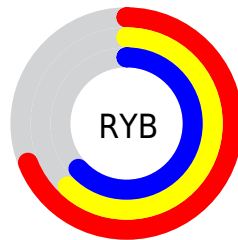
Distribution



Red (69%)

Green (62%)

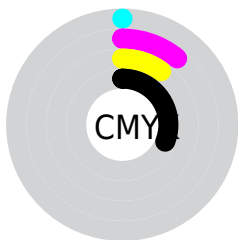
Blue (63%)



Red (69%)

Yellow (62%)

Blue (63%)

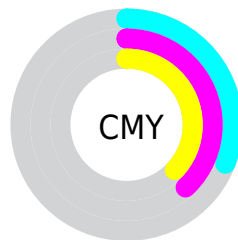


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9991, 0.3297, 0.3249 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 35.9991, 0.3297, 0.3249 by changing the saturation by 10% instead.


 35.9991, 0.3297,
0.3249


 35.9991, 0.3297,
0.3249


328.9566, 0.3208,
0.3271

 24.4335, 0.3321,
0.3243


 69.0307, 0.3264,
0.3257

 15.6555, 0.3352,
0.3235


 91.2654, 0.3252,
0.3260

 9.2807, 0.3395,
0.3224


117.8254, 0.3241,
0.3263

 4.9247, 0.3458,
0.3208

149.0949, 0.3233,
0.3265

 2.2032, 0.3560,
0.3181

185.4584, 0.3225,
0.3267

 0.7217, 0.3807,
0.3129


227.3002, 0.3219,


 0.0000, 0.0000,


0.3268

0.0000

275.0049, 0.3213,
0.3270

 35.9991, 0.3297,
0.3249


 35.9991, 0.3297,
0.3249


 29.9429, 0.3486,
0.3210


 42.9900, 0.3145,
0.3286

 24.7773, 0.3718,
0.3170


 50.9479, 0.3021,
0.3319

 20.4616, 0.4003,
0.3132

 59.9094, 0.2921,
0.3350

 16.9501, 0.4343,
0.3098

 69.9078, 0.2840,
0.3378

 14.1929, 0.4735,
0.3075

 80.9749, 0.2773,
0.3403

■ 12.1344, 0.5161,
0.3070

■ 87.7934, 0.2708,
0.3339

■ 10.7114, 0.5583,
0.3090

■ 88.0865, 0.2686,
0.3289

■ 9.8492, 0.5949,
0.3136

■ 9.4224, 0.6191,
0.3184

Harmonies

Analogous

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



35.9991, 0.3190, 0.3156



35.9991, 0.3297, 0.3249



35.9991, 0.3358, 0.3354

Triad

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



35.9991, 0.3297, 0.3249



35.9991, 0.3184, 0.3492



35.9991, 0.2903, 0.3131

Complementary

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



35.9991, 0.3297, 0.3249



41.6680, 0.2980, 0.3331

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.



35.9991, 0.2901, 0.3219



35.9991, 0.3297, 0.3249



35.9991, 0.3062, 0.3430

Square

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



35.9991, 0.3297, 0.3249



35.9991, 0.3292, 0.3497



35.9991, 0.2959, 0.3329



35.9991, 0.2963, 0.3088

Rectangle

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



35.9991, 0.3297, 0.3249



35.9991, 0.3365, 0.3418



35.9991, 0.2959, 0.3329



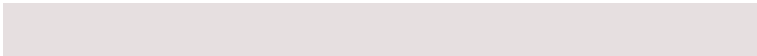
35.9991, 0.2895, 0.3156

Sweetspot

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



36.0007, 0.3297, 0.3249



74.6724, 0.3169, 0.3279



36.2893, 0.3111, 0.3015



15.9586, 0.3180, 0.3276



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.0007, 0.3297, 0.3249



61.1122, 0.3348, 0.3238



38.3334, 0.3314, 0.3388



8.5252, 0.3264, 0.3256



6.8331, 0.6170, 0.3173



0.2214, 0.5536, 0.2823

Inverse Universe

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



36.0007, 0.3297, 0.3249



61.1122, 0.3348, 0.3238



39.0923, 0.2956, 0.3190



8.5252, 0.3264, 0.3256



6.8331, 0.6170, 0.3173



0.2214, 0.5536, 0.2823

Previews

White Background



This preview shows how the Yxy color 35.9991, 0.3297, 0.3249 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 35.9991, 0.3297, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

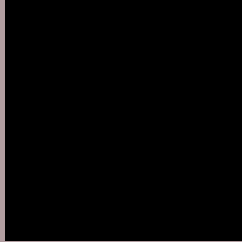
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9991, 0.3297, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 35.9991, 0.3297, 0.3249.



This preview shows how white text looks on a background with the Yxy color 35.9991, 0.3297, 0.3249.

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

35.9991, 0.3297, 0.3249

Protanopia

35.9909, 0.3147, 0.3276

Deuteranopia

36.1170, 0.3307, 0.3249



Tritanopia

36.0691, 0.3233, 0.3125

Trichromacy



Original Color

35.9991, 0.3297, 0.3249

Protanomaly

36.1498, 0.3205, 0.3276

Deuteranomaly

36.1170, 0.3307, 0.3249

Tritanomaly

35.9585, 0.3261, 0.3166

Monochromacy



Original Color

35.9991, 0.3297, 0.3249

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4232, 0.3185, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9991, 0.3297, 0.3249 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(177, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 160)  
}
```

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(177, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 160) }
```

Border

The CSS property to change the border of an element to Yxy 35.9991, 0.3297, 0.3249 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(177, 157, 160) }
```

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

```
.border{ border-color:rgb(177, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 157,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9991, 0.3297, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 160) }
```

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

```
.background{ background-color: rgb(177,  
157, 160) }
```

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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