

Converting Colors

$Yxy(36.3241, 0.3304, 0.3302)$

Have a look what the booklet for
Yxy(36.3241, 0.3304, 0.3302)
contains.

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Color

Yxy(36.4950, 0.3303, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	B09F9E
RGB	176, 159, 158
RGB Percent	69%, 62%, 62%
CMY	0.3098, 0.3764, 0.3805
CMYK	0.00, 0.10, 0.10, 0.31
HSL	3°, 10%, 65%
HSV	3°, 10%, 69%
XYZ	36.4729, 36.4950, 37.4557
YIQ	163.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

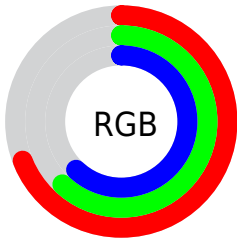
Format	Color
R_{YB}	176, 159, 158
Decimal	11575198
CIE Lab	66.90, 6.03, 2.79
CIE LCh	67, 6.642, 24.827
Yxy	36.4950, 0.3303, 0.3305
Android (android.graphics.Color)	4289765278 (0xFFB09F9E)
YUV	163.9690, -2.9427, 10.5512
Hunter-Lab	60.4111, 2.0491, 5.5272

Details

The Yxy color **36.4950, 0.3303, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0493, 0.2972, 0.3275**, and the grayscale version is **37.1197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0530, 0.3267, 0.3301**, and **15.9976, 0.3349, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **30.6051, 0.3516, 0.3321**, and if you desaturate by 10%, it is **43.2408, 0.3131, 0.3290**.

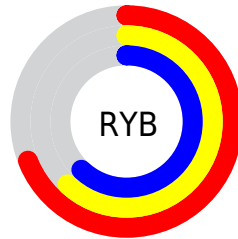
Distribution



Red (69%)

Green (62%)

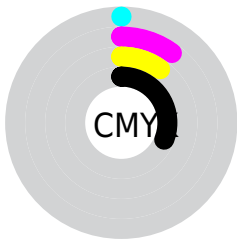
Blue (62%)



Red (69%)

Yellow (62%)

Blue (62%)

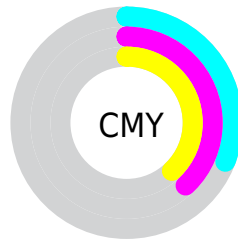


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4950, 0.3303, 0.3305 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 36.4950, 0.3303, 0.3305 by changing the saturation by 10% instead.


 36.4950, 0.3303,
0.3305


 36.4950, 0.3303,
0.3305


331.1190, 0.3211,
0.3298

 24.8167, 0.3327,
0.3307


 69.7954, 0.3269,
0.3302

 15.9406, 0.3359,
0.3309


 92.1863, 0.3256,
0.3301

 9.4821, 0.3404,
0.3311


118.9169, 0.3246,
0.3301

 5.0570, 0.3469,
0.3315

150.3716, 0.3237,
0.3300

 2.2807, 0.3574,
0.3319

186.9348, 0.3229,
0.3299

 0.7635, 0.3842,
0.3359

228.9908, 0.3222,

 0.0000, 0.0000,


0.3299


0.0000


276.9240, 0.3216,
0.3298

 36.4950, 0.3303,
0.3305

 36.4950, 0.3303,
0.3305


 30.6051, 0.3516,
0.3321


 43.2408, 0.3131,
0.3290


 25.5322, 0.3778,
0.3337


 50.8697, 0.2992,
0.3277


 21.2417, 0.4098,
0.3354

 59.4136, 0.2878,
0.3265

 17.6948, 0.4479,
0.3368

 68.9015, 0.2786,
0.3254

 14.8491, 0.4913,
0.3378

 79.3611, 0.2709,
0.3244

■ 12.6580, 0.5372,
0.3380

■ 87.9708, 0.2681,
0.3289

■ 11.0694, 0.5806,
0.3371

■ 10.0233, 0.6146,
0.3351

■ 9.4502, 0.6357,
0.3335

Harmonies

Analogous

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



36.4950, 0.3232, 0.3219



36.4950, 0.3303, 0.3305



36.4950, 0.3326, 0.3389

Triad

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



36.4950, 0.3303, 0.3305



36.4950, 0.3118, 0.3435



36.4950, 0.2962, 0.3132

Complementary

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



36.4950, 0.3303, 0.3305



41.0493, 0.2972, 0.3275

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.



36.4950, 0.2933, 0.3187



36.4950, 0.3303, 0.3305



36.4950, 0.3022, 0.3363

Square

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



36.4950, 0.3303, 0.3305



36.4950, 0.3218, 0.3466



36.4950, 0.2954, 0.3271



36.4950, 0.3035, 0.3120

Rectangle

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



36.4950, 0.3303, 0.3305



36.4950, 0.3310, 0.3433



36.4950, 0.2954, 0.3271



36.4950, 0.2947, 0.3146

Sweetspot

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



36.4966, 0.3303, 0.3305



74.8282, 0.3176, 0.3294



36.7736, 0.3147, 0.3055



16.0007, 0.3189, 0.3296



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.



36.4966, 0.3303, 0.3305



63.9707, 0.3341, 0.3308



39.6630, 0.3289, 0.3428



8.5810, 0.3286, 0.3304



6.9630, 0.6349, 0.3341



0.2449, 0.6143, 0.3504

Inverse Universe

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



41.0493, 0.2972, 0.3275



73.6783, 0.2943, 0.3272



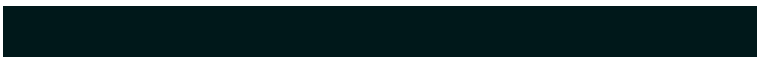
37.7047, 0.2971, 0.3148



9.5463, 0.2986, 0.3276



22.3119, 0.2198, 0.3113



0.7271, 0.2213, 0.3165

Previews

White Background



This preview shows how the Yxy color 36.4950, 0.3303, 0.3305 looks on a white background.

Color Contrast Check

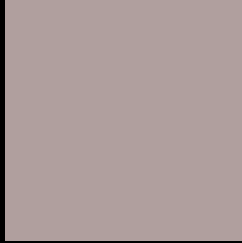
Large Text (above 18pt) WCAG AA × Fail

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 36.4950, 0.3303, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

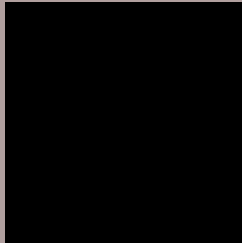
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4950, 0.3303, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 36.4950, 0.3303, 0.3305.



This preview shows how white text looks on a background with the Yxy color 36.4950, 0.3303, 0.3305.

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

36.4950, 0.3303, 0.3305

Protanopia

36.4857, 0.3183, 0.3319

Deuteranopia

36.2859, 0.3346, 0.3277



Tritanopia

36.4812, 0.3213, 0.3112

Trichromacy



Original Color

36.4950, 0.3303, 0.3305

Protanomaly

36.5390, 0.3232, 0.3319

Deuteranomaly

36.5060, 0.3334, 0.3291

Tritanomaly

36.5540, 0.3239, 0.3180

Monochromacy



Original Color

36.4950, 0.3303, 0.3305

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7741, 0.3184, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4950, 0.3303, 0.3305 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(176, 159, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 158)  
}
```

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(176, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 158) }
```

Border

The CSS property to change the border of an element to Yxy 36.4950, 0.3303, 0.3305 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(176, 159, 158) }
```

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

```
.border{ border-color:rgb(176, 159, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4950, 0.3303, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 158) }
```

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

```
.background{ background-color: rgb(176,  
159, 158) }
```

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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