

Converting Colors

$Yxy(37.2367, 0.3208, 0.3180)$

Have a look what the booklet for
Yxy(37.2367, 0.3208, 0.3180)
contains.

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Color

Yxy(37.1989, 0.3209, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	B0A0A8
RGB	176, 160, 168
RGB Percent	69%, 63%, 66%
CMY	0.3099, 0.3725, 0.3412
CMYK	0.00, 0.09, 0.05, 0.31
HSL	330°, 9%, 66%
HSV	330°, 9%, 69%
XYZ	37.5381, 37.1989, 42.2406
YIQ	165.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

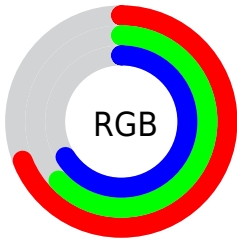
Format	Color
RYB	176, 160, 168
Decimal	11575464
CIELab	67.43, 7.25, -2.03
CIELCh	67, 7.528, 344.372
Yxy	37.1989, 0.3209, 0.3180
Android (android.graphics.Color)	4289765544 (0xFFB0A0A8)
YUV	165.6960, 1.1359, 9.0366
Hunter-Lab	60.9909, 3.1275, 1.6310

Details

The Yxy color **37.1989, 0.3209, 0.3180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3439, 0.3052, 0.3403**, and the grayscale version is **37.9701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0844, 0.3197, 0.3205**, and **16.4092, 0.3228, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **31.2069, 0.3317, 0.3053**, and if you desaturate by 10%, it is **44.0800, 0.3120, 0.3301**.

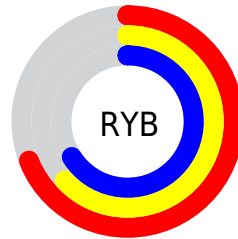
Distribution



Red (69%)

Green (63%)

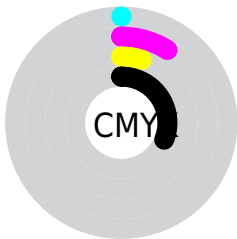
Blue (66%)



Red (69%)

Yellow (63%)

Blue (66%)

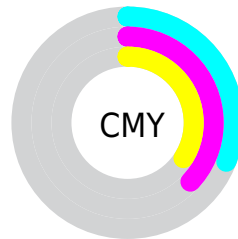


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1989, 0.3209, 0.3180 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 37.1989, 0.3209, 0.3180 by changing the saturation by 10% instead.


 37.1989, 0.3209,
0.3180


 37.1989, 0.3209,
0.3180


334.1708, 0.3167,
0.3237

 25.3615, 0.3220,
0.3165


 70.8786, 0.3193,
0.3201

 16.3466, 0.3234,
0.3146


 93.4897, 0.3188,
0.3209

 9.7698, 0.3254,
0.3120


120.4608, 0.3183,
0.3215

 5.2466, 0.3283,
0.3082

152.1764, 0.3179,
0.3221

 2.3926, 0.3328,
0.3022

189.0208, 0.3175,
0.3226

 0.8221, 0.3412,
0.2910

231.3784, 0.3172,

 0.0000, 0.0000,

0.3230

0.0000

279.6336, 0.3169,
0.3233

■ 37.1989, 0.3209,
0.3180

■ 37.1989, 0.3209,
0.3180

■ 31.2069, 0.3317,
0.3053

■ 44.0800, 0.3120,
0.3301

■ 26.0627, 0.3446,
0.2921

■ 51.8798, 0.3045,
0.3414

■ 21.7288, 0.3598,
0.2789

■ 60.6324, 0.2984,
0.3518

■ 18.1630, 0.3777,
0.2665

■ 70.3688, 0.2934,
0.3614

■ 15.3193, 0.3981,
0.2556

■ 81.1185, 0.2892,
0.3702

■ 13.1468, 0.4207,
0.2475

■ 85.9591, 0.2850,
0.3673

■ 11.5875, 0.4448,
0.2434

■ 86.4405, 0.2805,
0.3571

■ 10.5739, 0.4692,
0.2442

■ 86.9470, 0.2761,
0.3471

■ 9.9794, 0.4932,
0.2497

■ 87.4788, 0.2718,
0.3373

Harmonies

Analogous

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



37.1989, 0.3094, 0.3117



37.1989, 0.3209, 0.3180



37.1989, 0.3303, 0.3272

Triad

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



37.1989, 0.3209, 0.3180



37.1989, 0.3264, 0.3488



37.1989, 0.2911, 0.3204

Complementary

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



37.1989, 0.3209, 0.3180



41.3439, 0.3052, 0.3403

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.



37.1989, 0.2954, 0.3305



37.1989, 0.3209, 0.3180



37.1989, 0.3157, 0.3472

Square

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



37.1989, 0.3209, 0.3180



37.1989, 0.3334, 0.3449



37.1989, 0.3044, 0.3404



37.1989, 0.2924, 0.3129

Rectangle

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



37.1989, 0.3209, 0.3180



37.1989, 0.3340, 0.3338



37.1989, 0.3044, 0.3404



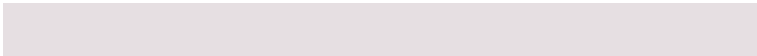
37.1989, 0.2919, 0.3236

Sweetspot

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



37.2005, 0.3209, 0.3180



74.8042, 0.3153, 0.3254



36.6044, 0.3063, 0.3067



15.9943, 0.3160, 0.3244



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.



37.2005, 0.3209, 0.3180



65.0501, 0.3230, 0.3153



36.9124, 0.3282, 0.3290



8.5737, 0.3212, 0.3177



7.3000, 0.4931, 0.2490



0.2415, 0.4329, 0.2158

Inverse Universe

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



37.2005, 0.3209, 0.3180



65.0501, 0.3230, 0.3153



41.6503, 0.2990, 0.3290



8.5737, 0.3212, 0.3177



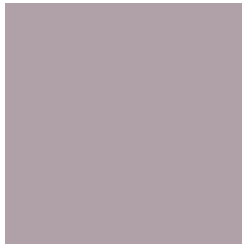
7.3000, 0.4931, 0.2490



0.2415, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 37.1989, 0.3209, 0.3180 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 37.1989, 0.3209, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

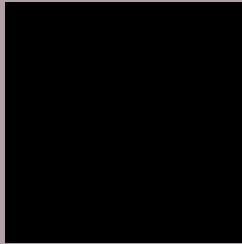
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1989, 0.3209, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 37.1989, 0.3209, 0.3180.



This preview shows how white text looks on a background with the Yxy color 37.1989, 0.3209, 0.3180.

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

37.1989, 0.3209, 0.3180

Protanopia

37.0960, 0.3085, 0.3191

Deuteranopia

37.0884, 0.3230, 0.3167



Tritanopia

37.1219, 0.3183, 0.3112

Trichromacy



Original Color

37.1989, 0.3209, 0.3180

Protanomaly

37.1402, 0.3132, 0.3192

Deuteranomaly

36.9705, 0.3220, 0.3166

Tritanomaly

37.0837, 0.3193, 0.3125

Monochromacy



Original Color

37.1989, 0.3209, 0.3180

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8870, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1989, 0.3209, 0.3180 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, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 168)  
}
```

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, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.1989, 0.3209, 0.3180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

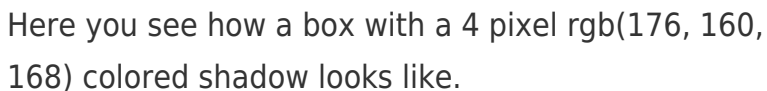
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 160, 168) }
```

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

```
.border{ border-color:rgb(176, 160, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 160, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 160, 168); box-shadow:4px 4px 4px 4px rgb(176, 160, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1989, 0.3209, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 168) }
```

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

```
.background{ background-color: rgb(176,  
160, 168) }
```

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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