

Converting Colors

Yxy(37.2798, 0.3201, 0.3146)

Have a look what the booklet for
Yxy(37.2798, 0.3201, 0.3146)
contains.

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Color

Yxy(37.3910, 0.3201, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	B1A0AA
RGB	177, 160, 170
RGB Percent	69%, 63%, 67%
CMY	0.3058, 0.3726, 0.3334
CMYK	0.00, 0.10, 0.04, 0.31
HSL	325°, 10%, 66%
HSV	325°, 10%, 69%
XYZ	37.9602, 37.3910, 43.2374
YIQ	166.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

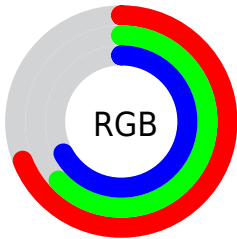
Format	Color
RYB	177, 160, 170
Decimal	11641002
CIELab	67.57, 8.00, -2.92
CIELCh	68, 8.517, 339.956
Yxy	37.3910, 0.3201, 0.3153
Android (android.graphics.Color)	4289831082 (0xFFB1A0AA)
YUV	166.2230, 1.8621, 9.4514
Hunter-Lab	61.1482, 3.8018, 0.8802

Details

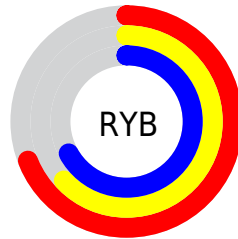
The Yxy color **37.3910, 0.3201, 0.3153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7182, 0.3060, 0.3431**, and the grayscale version is **38.2365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3608, 0.3190, 0.3184**, and **16.5304, 0.3216, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **31.4164, 0.3292, 0.3004**, and if you desaturate by 10%, it is **44.2582, 0.3124, 0.3295**.

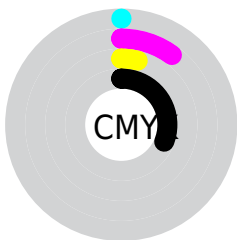
Distribution



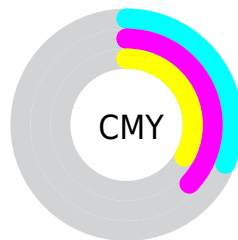
- Red (69%)
- Green (63%)
- Blue (67%)



- Red (69%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (31%)





- Cyan (31%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3910, 0.3201, 0.3153 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 37.3910, 0.3201, 0.3153 by changing the saturation by 10% instead.

 37.3910, 0.3201,
0.3153


 37.3910, 0.3201,
0.3153


335.0003, 0.3163,
0.3223

 25.5104, 0.3211,
0.3135


 71.1737, 0.3187,
0.3179

 16.4577, 0.3224,
0.3111


 93.8446, 0.3182,
0.3189

 9.8486, 0.3241,
0.3079


120.8811, 0.3177,
0.3197

 5.2987, 0.3266,
0.3032

152.6675, 0.3174,
0.3204

 2.4236, 0.3306,
0.2959

189.5882, 0.3171,
0.3210

 0.8380, 0.3377,
0.2828


232.0276, 0.3168,


 0.0000, 0.0000,


0.3215

0.0000


280.3702, 0.3165,
0.3219


 37.3910, 0.3201,
0.3153


 37.3910, 0.3201,
0.3153

 31.4164, 0.3292,
0.3004


 44.2582, 0.3124,
0.3295


 26.2925, 0.3400,
0.2850


 52.0480, 0.3061,
0.3429


 21.9814, 0.3527,
0.2698

 60.7948, 0.3008,
0.3553

 18.4403, 0.3672,
0.2554

 70.5301, 0.2964,
0.3667

 15.6224, 0.3836,
0.2428

 81.2836, 0.2927,
0.3772

■ 13.4760, 0.4015,
0.2330

■ 85.7201, 0.2891,
0.3754

■ 11.9421, 0.4204,
0.2273

■ 86.1024, 0.2853,
0.3668

■ 10.9517, 0.4395,
0.2265

■ 86.5018, 0.2816,
0.3583

■ 10.3659, 0.4583,
0.2301

■ 86.9184, 0.2779,
0.3500

Harmonies

Analogous

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



37.3910, 0.3071, 0.3088



37.3910, 0.3201, 0.3153



37.3910, 0.3313, 0.3253

Triad

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



37.3910, 0.3201, 0.3153



37.3910, 0.3296, 0.3511



37.3910, 0.2886, 0.3208

Complementary

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



37.3910, 0.3201, 0.3153



41.7182, 0.3060, 0.3431

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.



37.3910, 0.2944, 0.3324



37.3910, 0.3201, 0.3153



37.3910, 0.3179, 0.3502

Square

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



37.3910, 0.3201, 0.3153



37.3910, 0.3368, 0.3459



37.3910, 0.3051, 0.3433



37.3910, 0.2891, 0.3117

Rectangle

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



37.3910, 0.3201, 0.3153



37.3910, 0.3361, 0.3327



37.3910, 0.3051, 0.3433



37.3910, 0.2899, 0.3245

Sweetspot

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



37.3926, 0.3201, 0.3153



74.8371, 0.3149, 0.3247



36.5111, 0.3043, 0.3051



16.0032, 0.3155, 0.3236



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.



37.3926, 0.3201, 0.3153



64.0304, 0.3223, 0.3115



37.0890, 0.3277, 0.3267



8.5861, 0.3199, 0.3157



7.5058, 0.4571, 0.2292



0.2474, 0.4098, 0.2031

Inverse Universe

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



37.3926, 0.3201, 0.3153



64.0304, 0.3223, 0.3115



42.0345, 0.2995, 0.3313



8.5861, 0.3199, 0.3157



7.5058, 0.4571, 0.2292



0.2474, 0.4098, 0.2031

Previews

White Background



This preview shows how the Yxy color 37.3910, 0.3201, 0.3153 looks on a white background.

Color Contrast Check

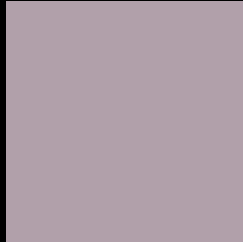
Large Text (above 18pt) WCAG AA × Fail

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 37.3910, 0.3201, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

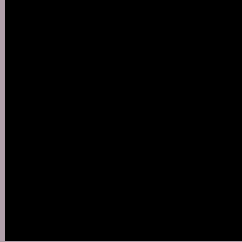
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3910, 0.3201, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 37.3910, 0.3201, 0.3153.



This preview shows how white text looks on a background with the Yxy color 37.3910, 0.3201, 0.3153.

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

37.3910, 0.3201, 0.3153

Protanopia

37.5288, 0.3068, 0.3177

Deuteranopia

37.5089, 0.3210, 0.3153



Tritanopia

37.4673, 0.3183, 0.3126

Trichromacy



Original Color

37.3910, 0.3201, 0.3153

Protanomaly

37.5697, 0.3114, 0.3178

Deuteranomaly

37.5089, 0.3210, 0.3153

Tritanomaly

37.4290, 0.3192, 0.3139

Monochromacy



Original Color

37.3910, 0.3201, 0.3153

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 37.3910, 0.3201, 0.3153 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, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(177, 160, 170)  
}
```

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, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 160, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.3910, 0.3201, 0.3153 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, 160, 170) }
```

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

```
.border{ border-color:rgb(177, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(177, 160,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3910, 0.3201, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 160, 170) }
```

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

```
.background{ background-color: rgb(177,  
160, 170) }
```

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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