

Converting Colors

$Y_{xy}(37.3111, 0.3282, 0.3192)$

Have a look what the booklet for
Yxy(37.3111, 0.3282, 0.3192)
contains.

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Color

Yxy(37.3732, 0.3277, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	B59FA6
RGB	181, 159, 166
RGB Percent	71%, 62%, 65%
CMY	0.2903, 0.3764, 0.3490
CMYK	0.00, 0.12, 0.08, 0.29
HSL	341°, 13%, 67%
HSV	341°, 12%, 71%
XYZ	38.3324, 37.3732, 41.2684
YIQ	166.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

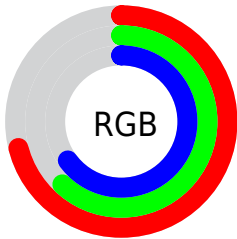
Format	Color
RYB	181, 159, 166
Decimal	11902886
CIELab	67.56, 9.26, -0.68
CIELCh	68, 9.282, 355.825
Yxy	37.3732, 0.3277, 0.3195
Android (android.graphics.Color)	4290092966 (0xFFB59FA6)
YUV	166.3760, -0.1854, 12.8252
Hunter-Lab	61.1336, 4.9403, 2.7696

Details

The Yxy color **37.3732, 0.3277, 0.3195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4655, 0.2997, 0.3387**, and the grayscale version is **38.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3181, 0.3248, 0.3217**, and **16.5292, 0.3325, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **31.1675, 0.3431, 0.3112**, and if you desaturate by 10%, it is **44.5370, 0.3151, 0.3274**.

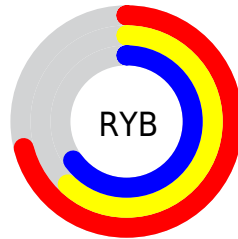
Distribution



Red (71%)

Green (62%)

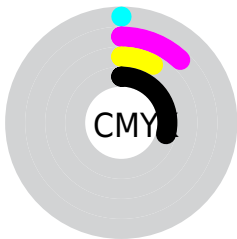
Blue (65%)



Red (71%)

Yellow (62%)

Blue (65%)

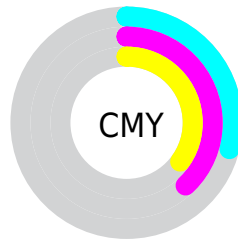


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3732, 0.3277, 0.3195 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 37.3732, 0.3277, 0.3195 by changing the saturation by 10% instead.


 37.3732, 0.3277,
0.3195


 37.3732, 0.3277,
0.3195


334.9235, 0.3199,
0.3244

 25.4966, 0.3297,
0.3182


 71.1464, 0.3248,
0.3213

 16.4474, 0.3324,
0.3165

 93.8118, 0.3237,
0.3220

 9.8413, 0.3361,
0.3142


120.8422, 0.3229,
0.3226

 5.2939, 0.3414,
0.3109

152.6220, 0.3221,
0.3230

 2.4207, 0.3499,
0.3056

189.5356, 0.3214,
0.3235

 0.8365, 0.3656,
0.2957

231.9675, 0.3209,

 0.0000, 0.0000,


0.3238

0.0000

280.3020, 0.3204,
0.3241


 37.3732, 0.3277,
0.3195


 37.3732, 0.3277,
0.3195

 31.1675, 0.3431,
0.3112

 44.5370, 0.3151,
0.3274


 25.8742, 0.3619,
0.3026


 52.6921, 0.3048,
0.3347

 21.4515, 0.3845,
0.2942

 61.8764, 0.2964,
0.3415

 17.8520, 0.4113,
0.2866

 72.1239, 0.2895,
0.3476

 15.0243, 0.4422,
0.2808

 83.4675, 0.2838,
0.3533

■ 12.9106, 0.4762,
0.2777

■ 87.6349, 0.2779,
0.3452

■ 11.4451, 0.5116,
0.2787

■ 88.3938, 0.2718,
0.3317

■ 10.5495, 0.5453,
0.2843

■ 88.5607, 0.2706,
0.3289

■ 10.1217, 0.5694,
0.2910

Harmonies

Analogous

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



37.3732, 0.3141, 0.3102



37.3732, 0.3277, 0.3195



37.3732, 0.3374, 0.3314

Triad

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



37.3732, 0.3277, 0.3195



37.3732, 0.3248, 0.3535



37.3732, 0.2859, 0.3142

Complementary

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



37.3732, 0.3277, 0.3195



43.4655, 0.2997, 0.3387

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.



37.3732, 0.2886, 0.3258



37.3732, 0.3277, 0.3195



37.3732, 0.3109, 0.3489

Square

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



37.3732, 0.3277, 0.3195



37.3732, 0.3356, 0.3511



37.3732, 0.2977, 0.3387



37.3732, 0.2901, 0.3070

Rectangle

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



37.3732, 0.3277, 0.3195



37.3732, 0.3402, 0.3393



37.3732, 0.2977, 0.3387



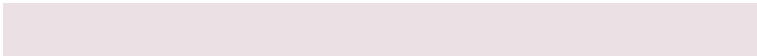
37.3732, 0.2860, 0.3178

Sweetspot

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



37.3748, 0.3277, 0.3195



77.1740, 0.3173, 0.3259



37.0952, 0.3072, 0.2990



16.4658, 0.3182, 0.3253



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.3748, 0.3277, 0.3195



63.3131, 0.3322, 0.3169



38.4032, 0.3336, 0.3341



8.5483, 0.3239, 0.3218



6.9912, 0.5661, 0.2892



0.2309, 0.4860, 0.2451

Inverse Universe

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



37.3748, 0.3277, 0.3195



63.3131, 0.3322, 0.3169



42.2762, 0.2943, 0.3239



8.5483, 0.3239, 0.3218



6.9912, 0.5661, 0.2892



0.2309, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 37.3732, 0.3277, 0.3195 looks on a white background.

Color Contrast Check

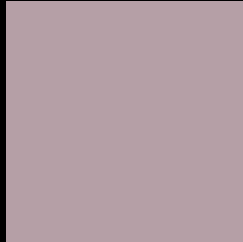
Large Text (above 18pt) WCAG AA × Fail

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 37.3732, 0.3277, 0.3195 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 37.3732, 0.3277, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 37.3732, 0.3277, 0.3195.



This preview shows how white text looks on a background with the Yxy color 37.3732, 0.3277, 0.3195.

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

37.3732, 0.3277, 0.3195

Protanopia

37.5225, 0.3103, 0.3219

Deuteranopia

37.2527, 0.3267, 0.3195



Tritanopia

37.3391, 0.3242, 0.3114

Trichromacy



Original Color

37.3732, 0.3277, 0.3195

Protanomaly

37.3257, 0.3159, 0.3206

Deuteranomaly

37.2527, 0.3267, 0.3195

Tritanomaly

37.2634, 0.3260, 0.3141

Monochromacy



Original Color

37.3732, 0.3277, 0.3195

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6055, 0.3176, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3732, 0.3277, 0.3195 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(181, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 166)  
}
```

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(181, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.3732, 0.3277, 0.3195 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(181, 159, 166) }
```

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

```
.border{ border-color:rgb(181, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3732, 0.3277, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 166) }
```

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

```
.background{ background-color: rgb(181,  
159, 166) }
```

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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