

Converting Colors

Yxy(38.3435, 0.3201, 0.3158)

Have a look what the booklet for
Yxy(38.3435, 0.3201, 0.3158)
contains.

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Color

Yxy(38.4029, 0.3200, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	B3A2AC
RGB	179, 162, 172
RGB Percent	70%, 64%, 67%
CMY	0.2979, 0.3647, 0.3254
CMYK	0.00, 0.10, 0.04, 0.30
HSL	325°, 10%, 67%
HSV	325°, 10%, 70%
XYZ	38.9630, 38.4029, 44.3935
YIQ	168.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

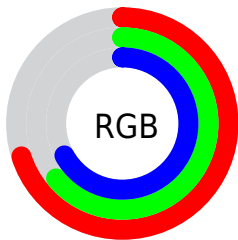
Format	Color
RYB	179, 162, 172
Decimal	11772588
CIELab	68.32, 7.99, -2.93
CIElCh	68, 8.515, 339.875
Yxy	38.4029, 0.3200, 0.3154
Android (android.graphics.Color)	4289962668 (0xFFB3A2AC)
YUV	168.2230, 1.8621, 9.4514
Hunter-Lab	61.9701, 3.7823, 0.9055

Details

The Yxy color **38.4029, 0.3200, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7984, 0.3060, 0.3430**, and the grayscale version is **39.2639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8339, 0.3190, 0.3185**, and **16.9435, 0.3216, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **32.2645, 0.3291, 0.3004**, and if you desaturate by 10%, it is **45.4584, 0.3124, 0.3297**.

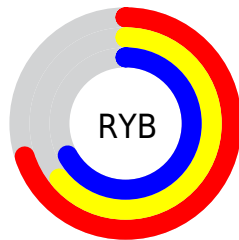
Distribution



Red (70%)

Green (64%)

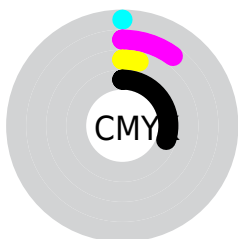
Blue (67%)



Red (70%)

Yellow (64%)

Blue (67%)

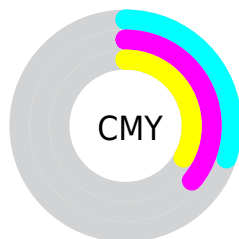


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (30%)



Cyan (30%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4029, 0.3200, 0.3154 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 38.4029, 0.3200, 0.3154 by changing the saturation by 10% instead.


 38.4029, 0.3200,
0.3154


 38.4029, 0.3200,
0.3154

339.3452, 0.3163,
0.3224

 26.2955, 0.3210,
0.3136


 72.7253, 0.3186,
0.3180

 17.0449, 0.3222,
0.3113


 95.7090, 0.3181,
0.3189

 10.2665, 0.3239,
0.3081


123.0871, 0.3177,
0.3197

 5.5760, 0.3263,
0.3036

155.2438, 0.3173,
0.3204

 2.5890, 0.3301,
0.2966

192.5636, 0.3170,
0.3210

 0.9211, 0.3368,
0.2842

235.4308, 0.3167,

 0.0000, 0.9051,

0.3215

0.0000

284.2299, 0.3165,
0.3220

0.0000, 0.0000,
0.0000

38.4029, 0.3200,
0.3154

38.4029, 0.3200,
0.3154

32.2645, 0.3291,
0.3004

45.4584, 0.3124,
0.3297

27.0000, 0.3399,
0.2851

53.4616, 0.3060,
0.3431

22.5706, 0.3524,
0.2698

62.4481, 0.3007,
0.3555

18.9323, 0.3669,
0.2553

72.4501, 0.2964,
0.3669

16.0370, 0.3832,
0.2426

83.4982, 0.2927,
0.3775

■ 13.8315, 0.4010,
0.2328

■ 86.0793, 0.2890,
0.3725

■ 12.2553, 0.4198,
0.2270

■ 86.4702, 0.2852,
0.3639

■ 11.2375, 0.4389,
0.2262

■ 86.8783, 0.2814,
0.3554

■ 10.6389, 0.4577,
0.2298

■ 87.3041, 0.2777,
0.3471

Harmonies

Analogous

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



38.4029, 0.3071, 0.3090



38.4029, 0.3200, 0.3154



38.4029, 0.3311, 0.3253

Triad

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



38.4029, 0.3200, 0.3154



38.4029, 0.3295, 0.3509



38.4029, 0.2888, 0.3209

Complementary

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



38.4029, 0.3200, 0.3154



42.7984, 0.3060, 0.3430

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.



38.4029, 0.2946, 0.3324



38.4029, 0.3200, 0.3154



38.4029, 0.3179, 0.3500

Square

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



38.4029, 0.3200, 0.3154



38.4029, 0.3366, 0.3457



38.4029, 0.3052, 0.3432



38.4029, 0.2893, 0.3119

Rectangle

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



38.4029, 0.3200, 0.3154



38.4029, 0.3359, 0.3327



38.4029, 0.3052, 0.3432



38.4029, 0.2901, 0.3246

Sweetspot

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



38.4046, 0.3200, 0.3154



76.7298, 0.3149, 0.3247



37.5080, 0.3043, 0.3054



16.7720, 0.3155, 0.3236



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.



38.4046, 0.3200, 0.3154



66.8086, 0.3214, 0.3129



38.0950, 0.3275, 0.3267



8.5863, 0.3198, 0.3157



7.5098, 0.4565, 0.2289



0.2476, 0.4094, 0.2029

Inverse Universe

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



38.4046, 0.3200, 0.3154



66.8086, 0.3214, 0.3129



43.1207, 0.2996, 0.3313



8.5863, 0.3198, 0.3157



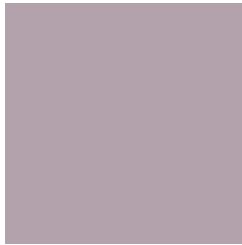
7.5098, 0.4565, 0.2289



0.2476, 0.4094, 0.2029

Previews

White Background



This preview shows how the Yxy color 38.4029, 0.3200, 0.3154 looks on a white background.

Color Contrast Check

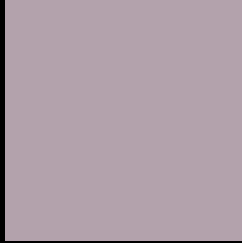
Large Text (above 18pt) WCAG AA × Fail

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 38.4029, 0.3200, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

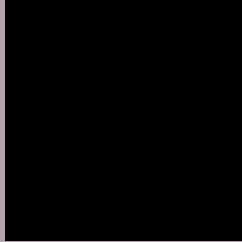
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4029, 0.3200, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 38.4029, 0.3200, 0.3154.



This preview shows how white text looks on a background with the Yxy color 38.4029, 0.3200, 0.3154.

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

38.4029, 0.3200, 0.3154

Protanopia

38.5439, 0.3068, 0.3178

Deuteranopia

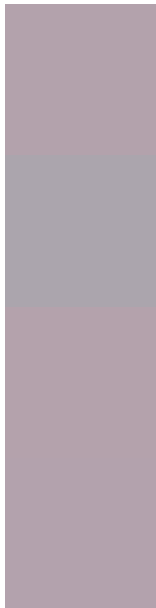
38.5225, 0.3209, 0.3155



Tritanopia

38.4804, 0.3182, 0.3127

Trichromacy



Original Color

38.4029, 0.3200, 0.3154

Protanomaly

38.5853, 0.3114, 0.3179

Deuteranomaly

38.5225, 0.3209, 0.3155

Tritanomaly

38.4415, 0.3191, 0.3141

Monochromacy



Original Color

38.4029, 0.3200, 0.3154

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9077, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4029, 0.3200, 0.3154 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(179, 162, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 172)  
}
```

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(179, 162, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 172) }
```

Border

The CSS property to change the border of an element to Yxy 38.4029, 0.3200, 0.3154 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(179, 162, 172) }
```

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

```
.border{ border-color:rgb(179, 162, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4029, 0.3200, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 172) }
```

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

```
.background{ background-color: rgb(179,  
162, 172) }
```

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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