

Converting Colors

$Yxy(38.9623, 0.3209, 0.3098)$

Have a look what the booklet for
Yxy(38.9623, 0.3209, 0.3098)
contains.

| | |
|---|----|
| Yxy(39.1656, 0.3211, 0.3104) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(39.1656, 0.3211, 0.3104)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B8A2B0 |
| RGB | 184, 162, 176 |
| RGB Percent | 72%, 64%, 69% |
| CMY | 0.2786, 0.3646, 0.3098 |
| CMYK | 0.00, 0.12, 0.04, 0.28 |
| HSL | 322°, 13%, 68% |
| HSV | 322°, 12%, 72% |
| XYZ | 40.5157, 39.1656, 46.4965 |
| YIQ | 170.1740, 8.6180, 9.0180 |

Conversions

Conversions Part 2

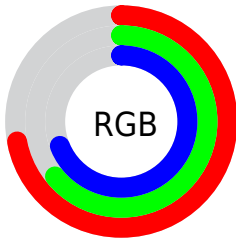
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 162, 176 |
| Decimal | 12100272 |
| CIELab | 68.87, 10.47, -4.28 |
| CIElCh | 69, 11.315, 337.777 |
| Yxy | 39.1656, 0.3211, 0.3104 |
| Android (android.graphics.Color) | 4290290352 (0xFFB8A2B0) |
| YUV | 170.1740, 2.8722, 12.1254 |
| Hunter-Lab | 62.5824, 6.0412, -0.2427 |

Details

The Yxy color **39.1656, 0.3211, 0.3104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8479, 0.3052, 0.3484**, and the grayscale version is **40.2705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9772, 0.3192, 0.3135**, and **17.4324, 0.3232, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **32.8947, 0.3296, 0.2941**, and if you desaturate by 10%, it is **46.4010, 0.3140, 0.3261**.

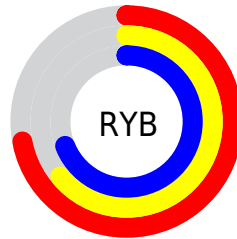
Distribution



Red (72%)

Green (64%)

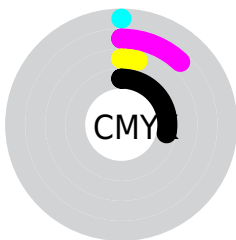
Blue (69%)



Red (72%)

Yellow (64%)

Blue (69%)

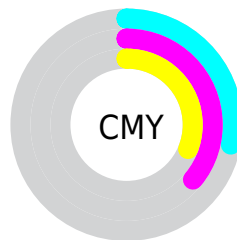


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1656, 0.3211, 0.3104 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 39.1656, 0.3211, 0.3104 by changing the saturation by 10% instead.


 39.1656, 0.3211,
0.3104


 39.1656, 0.3211,
0.3104


342.5940, 0.3169,
0.3198

 26.8886, 0.3222,
0.3080


 73.8912, 0.3195,
0.3139

 17.4896, 0.3236,
0.3049


 97.1086, 0.3190,
0.3152

 10.5841, 0.3255,
0.3007


124.7416, 0.3185,
0.3162

 5.7880, 0.3281,
0.2947

157.1746, 0.3181,
0.3172

 2.7166, 0.3322,
0.2856

194.7919, 0.3177,
0.3180

 0.9856, 0.3393,
0.2699

237.9780, 0.3174,


 0.0000, 0.4563,


0.3187

0.0000


287.1172, 0.3171,
0.3193

 0.0000, 0.0000,
0.0000


 39.1656, 0.3211,
0.3104


 39.1656, 0.3211,
0.3104


 32.8947, 0.3296,
0.2941


 46.4010, 0.3140,
0.3261


 27.5420, 0.3395,
0.2775


 54.6344, 0.3080,
0.3409

 23.0651, 0.3509,
0.2612

 63.9041, 0.3030,
0.3547

 19.4160, 0.3640,
0.2460

 74.2448, 0.2988,
0.3674

 16.5424, 0.3784,
0.2329

 85.6896, 0.2953,
0.3791

■ 14.3856, 0.3939,
0.2230

■ 86.6652, 0.2918,
0.3724

■ 12.8789, 0.4100,
0.2174

■ 87.0176, 0.2883,
0.3647

■ 11.9426, 0.4261,
0.2168

■ 87.3842, 0.2849,
0.3571

■ 11.4742, 0.4390,
0.2192

■ 87.7651, 0.2815,
0.3496

Harmonies

Analogous

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



39.1656, 0.3041, 0.3024



39.1656, 0.3211, 0.3104



39.1656, 0.3361, 0.3230

Triad

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



39.1656, 0.3211, 0.3104



39.1656, 0.3357, 0.3577



39.1656, 0.2816, 0.3191

Complementary

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



39.1656, 0.3211, 0.3104



44.8479, 0.3052, 0.3484

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.



39.1656, 0.2896, 0.3345



39.1656, 0.3211, 0.3104



39.1656, 0.3207, 0.3573

Square

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



39.1656, 0.3211, 0.3104



39.1656, 0.3447, 0.3502



39.1656, 0.3038, 0.3488



39.1656, 0.2817, 0.3070

Rectangle

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



39.1656, 0.3211, 0.3104



39.1656, 0.3429, 0.3327



39.1656, 0.3038, 0.3488



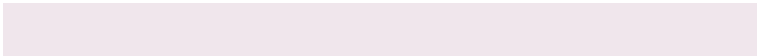
39.1656, 0.2835, 0.3241

Sweetspot

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



39.1673, 0.3211, 0.3104



81.1978, 0.3154, 0.3228



37.8192, 0.3010, 0.2989



17.2852, 0.3159, 0.3216



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.1673, 0.3211, 0.3104



68.2588, 0.3229, 0.3067



38.7608, 0.3308, 0.3246



9.1059, 0.3191, 0.3145



7.9261, 0.4371, 0.2182



0.2908, 0.4000, 0.1977

Inverse Universe

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



39.1673, 0.3211, 0.3104



68.2588, 0.3229, 0.3067



45.2689, 0.2972, 0.3335



9.1059, 0.3191, 0.3145



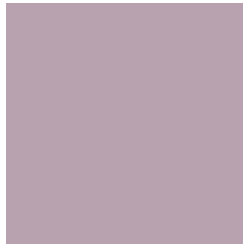
7.9261, 0.4371, 0.2182



0.2908, 0.4000, 0.1977

Previews

White Background



This preview shows how the Yxy color 39.1656, 0.3211, 0.3104 looks on a white background.

Color Contrast Check

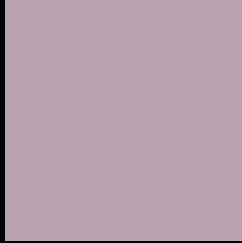
Large Text (above 18pt) WCAG AA × Fail

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 39.1656, 0.3211, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

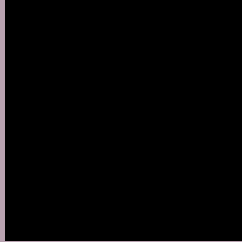
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1656, 0.3211, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 39.1656, 0.3211, 0.3104.



This preview shows how white text looks on a background with the Yxy color 39.1656, 0.3211, 0.3104.

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

39.1656, 0.3211, 0.3104

Protanopia

39.2169, 0.3035, 0.3124

Deuteranopia

39.1527, 0.3182, 0.3116



Tritanopia

39.1262, 0.3220, 0.3117

Trichromacy



Original Color

39.1656, 0.3211, 0.3104

Protanomaly

39.1233, 0.3099, 0.3113

Deuteranomaly

39.2741, 0.3192, 0.3116

Tritanomaly

39.1262, 0.3220, 0.3117

Monochromacy



Original Color

39.1656, 0.3211, 0.3104

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7300, 0.3158, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1656, 0.3211, 0.3104 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(184, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 162, 176)  
}
```

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(184, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 162, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.1656, 0.3211, 0.3104 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(184, 162, 176) }
```

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

```
.border{ border-color:rgb(184, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 162,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1656, 0.3211, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 162, 176) }
```

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

```
.background{ background-color: rgb(184,  
162, 176) }
```

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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