

Converting Colors

$Yxy(40.9219, 0.3152, 0.3156)$

Have a look what the booklet for
Yxy(40.9219, 0.3152, 0.3156)
contains.

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Color

Yxy(40.9229, 0.3152, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	B4A8B2
RGB	180, 168, 178
RGB Percent	71%, 66%, 70%
CMY	0.2939, 0.3412, 0.3019
CMYK	0.00, 0.07, 0.01, 0.29
HSL	310°, 7%, 68%
HSV	310°, 7%, 71%
XYZ	40.8710, 40.9229, 47.8731
YIQ	172.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

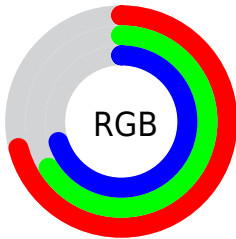
Format	Color
RYB	180, 168, 178
Decimal	11839666
CIELab	70.12, 6.18, -3.59
CIElCh	70, 7.149, 329.815
Yxy	40.9229, 0.3152, 0.3156
Android (android.graphics.Color)	4290029746 (0xFFB4A8B2)
YUV	172.7280, 2.5991, 6.3775
Hunter-Lab	63.9710, 2.0943, 0.4097

Details

The Yxy color **40.9229, 0.3152, 0.3156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8899, 0.3103, 0.3428**, and the grayscale version is **41.6328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5487, 0.3147, 0.3176**, and **18.4835, 0.3160, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **34.6105, 0.3194, 0.2950**, and if you desaturate by 10%, it is **48.1620, 0.3116, 0.3354**.

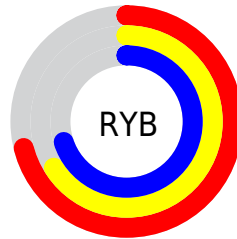
Distribution



Red (71%)

Green (66%)

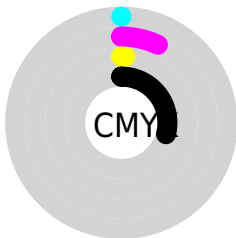
Blue (70%)



Red (71%)

Yellow (66%)

Blue (70%)

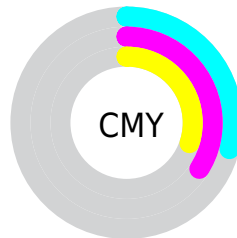


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9229, 0.3152, 0.3156 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 40.9229, 0.3152, 0.3156 by changing the saturation by 10% instead.


 40.9229, 0.3152,
0.3156


 40.9229, 0.3152,
0.3156

349.9983, 0.3140,
0.3224

 28.2588, 0.3155,
0.3139


 76.5668, 0.3148,
0.3181

 18.5209, 0.3159,
0.3116


 100.3155, 0.3146,
0.3190

 11.3246, 0.3164,
0.3086


128.5279, 0.3144,
0.3198

 6.2856, 0.3172,
0.3044

161.5882, 0.3143,
0.3205

 3.0195, 0.3182,
0.2979

199.8811, 0.3142,
0.3210

 1.1419, 0.3200,
0.2868

243.7908, 0.3141,

 0.0135, 0.3693,

0.3216

0.0304

293.7017, 0.3140,
0.3220

0.0000, 0.0000,
0.0000

40.9229, 0.3152,
0.3156

40.9229, 0.3152,
0.3156

34.6105, 0.3194,
0.2950

48.1620, 0.3116,
0.3354

29.1819, 0.3241,
0.2740

56.3579, 0.3085,
0.3542

24.5987, 0.3294,
0.2532

65.5461, 0.3058,
0.3716

20.8175, 0.3352,
0.2335

75.7584, 0.3036,
0.3878

17.7913, 0.3414,
0.2157

85.0885, 0.3017,
0.3996

■ 15.4678, 0.3478,
0.2009

■ 85.2256, 0.3001,
0.3960

■ 13.7884, 0.3543,
0.1899

■ 85.3654, 0.2985,
0.3924

■ 12.6848, 0.3606,
0.1832

■ 85.5081, 0.2969,
0.3888

■ 12.0631, 0.3667,
0.1808

■ 85.6536, 0.2953,
0.3852

Harmonies

Analogous

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



40.9229, 0.3048, 0.3116



40.9229, 0.3152, 0.3156



40.9229, 0.3251, 0.3230

Triad

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



40.9229, 0.3152, 0.3156



40.9229, 0.3290, 0.3461



40.9229, 0.2941, 0.3255

Complementary

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



40.9229, 0.3152, 0.3156



43.8899, 0.3103, 0.3428

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.



40.9229, 0.3004, 0.3350



40.9229, 0.3152, 0.3156



40.9229, 0.3205, 0.3471

Square

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



40.9229, 0.3152, 0.3156



40.9229, 0.3331, 0.3405



40.9229, 0.3100, 0.3430



40.9229, 0.2927, 0.3171

Rectangle

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



40.9229, 0.3152, 0.3156



40.9229, 0.3300, 0.3290



40.9229, 0.3100, 0.3430



40.9229, 0.2957, 0.3286

Sweetspot

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



40.9247, 0.3152, 0.3156



80.0661, 0.3134, 0.3250



39.8432, 0.3044, 0.3125



17.3358, 0.3134, 0.3252



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.



40.9247, 0.3152, 0.3156



72.4140, 0.3158, 0.3127



40.6885, 0.3204, 0.3236



8.6216, 0.3162, 0.3103



8.3100, 0.3680, 0.1801



0.2680, 0.3528, 0.1717

Inverse Universe

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



40.9247, 0.3152, 0.3156



72.4140, 0.3158, 0.3127



44.1226, 0.3056, 0.3345



8.6216, 0.3162, 0.3103



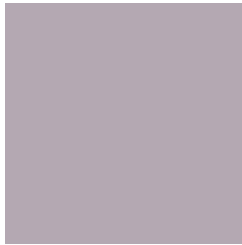
8.3100, 0.3680, 0.1801



0.2680, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 40.9229, 0.3152, 0.3156 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 40.9229, 0.3152, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

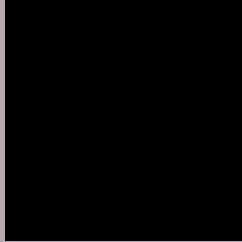
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9229, 0.3152, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 40.9229, 0.3152, 0.3156.



This preview shows how white text looks on a background with the Yxy color 40.9229, 0.3152, 0.3156.

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

40.9229, 0.3152, 0.3156

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

41.0448, 0.3126, 0.3117

Trichromacy



Original Color

40.9229, 0.3152, 0.3156

Protanomaly

40.7446, 0.3097, 0.3155

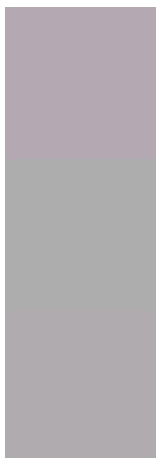
Deuteranomaly

40.9191, 0.3180, 0.3144

Tritanomaly

41.0038, 0.3135, 0.3130

Monochromacy



Original Color

40.9229, 0.3152, 0.3156

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4511, 0.3139, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9229, 0.3152, 0.3156 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(180, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 178)  
}
```

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(180, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.9229, 0.3152, 0.3156 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(180, 168, 178) }
```

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

```
.border{ border-color:rgb(180, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9229, 0.3152, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 178) }
```

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

```
.background{ background-color: rgb(180,  
168, 178) }
```

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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