

Converting Colors

$Yxy(38.7097, 0.3183, 0.3146)$

Have a look what the booklet for
Yxy(38.7097, 0.3183, 0.3146)
contains.

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Color

Yxy(38.7952, 0.3190, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	B3A3AD
RGB	179, 163, 173
RGB Percent	70%, 64%, 68%
CMY	0.2981, 0.3607, 0.3217
CMYK	0.00, 0.09, 0.03, 0.30
HSL	323°, 10%, 67%
HSV	323°, 9%, 70%
XYZ	39.2256, 38.7952, 44.9434
YIQ	168.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

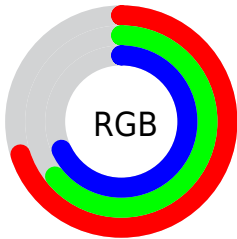
Format	Color
R_{YB}	179, 163, 173
Decimal	11772845
CIE Lab	68.60, 7.59, -3.05
CIE LCh	69, 8.182, 338.143
Yxy	38.7952, 0.3190, 0.3155
Android (android.graphics.Color)	4289962925 (0xFFB3A3AD)
YUV	168.9240, 2.0095, 8.8367
Hunter-Lab	62.2858, 3.4134, 0.8183

Details

The Yxy color **38.7952, 0.3190, 0.3155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8870, 0.3069, 0.3429**, and the grayscale version is **39.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4064, 0.3182, 0.3185**, and **17.1850, 0.3202, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **32.6297, 0.3273, 0.2997**, and if you desaturate by 10%, it is **45.8768, 0.3120, 0.3306**.

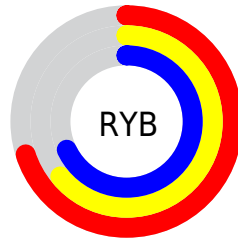
Distribution



Red (70%)

Green (64%)

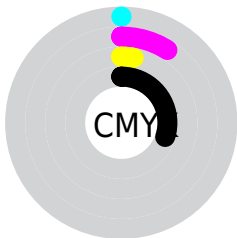
Blue (68%)



Red (70%)

Yellow (64%)

Blue (68%)

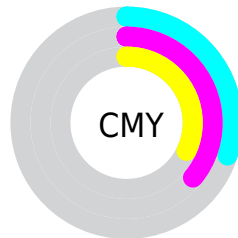


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7952, 0.3190, 0.3155 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 38.7952, 0.3190, 0.3155 by changing the saturation by 10% instead.

 38.7952, 0.3190,
0.3155


 38.7952, 0.3190,
0.3155

341.0190, 0.3158,
0.3224

 26.6004, 0.3198,
0.3137


 73.3253, 0.3178,
0.3180

 17.2734, 0.3209,
0.3114


 96.4295, 0.3174,
0.3190

 10.4296, 0.3223,
0.3083


123.9390, 0.3170,
0.3198

 5.6847, 0.3244,
0.3039

156.2381, 0.3167,
0.3205

 2.6543, 0.3276,
0.2970

193.7112, 0.3164,
0.3210

 0.9541, 0.3332,
0.2849

236.7428, 0.3162,

 0.0000, 0.4627,

0.3216

0.0000

285.7173, 0.3160,
0.3220

0.0000, 0.0000,
0.0000

38.7952, 0.3190,
0.3155

38.7952, 0.3190,
0.3155

32.6297, 0.3273,
0.2997

45.8768, 0.3120,
0.3306

27.3373, 0.3371,
0.2835

53.9050, 0.3062,
0.3447

22.8795, 0.3484,
0.2673

62.9150, 0.3013,
0.3579

19.2126, 0.3614,
0.2520

72.9390, 0.2973,
0.3700

16.2889, 0.3760,
0.2384

84.0074, 0.2939,
0.3812

■ 14.0556, 0.3919,
0.2277

■ 85.9248, 0.2905,
0.3759

■ 12.4529, 0.4086,
0.2210

■ 86.2746, 0.2870,
0.3680

■ 11.4107, 0.4255,
0.2190

■ 86.6388, 0.2835,
0.3602

■ 10.8021, 0.4422,
0.2216

■ 87.0176, 0.2801,
0.3525

Harmonies

Analogous

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



38.7952, 0.3067, 0.3096



38.7952, 0.3190, 0.3155



38.7952, 0.3298, 0.3249

Triad

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



38.7952, 0.3190, 0.3155



38.7952, 0.3293, 0.3498



38.7952, 0.2900, 0.3219

Complementary

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



38.7952, 0.3190, 0.3155



42.8870, 0.3069, 0.3429

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.



38.7952, 0.2958, 0.3329



38.7952, 0.3190, 0.3155



38.7952, 0.3184, 0.3493

Square

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



38.7952, 0.3190, 0.3155



38.7952, 0.3358, 0.3446



38.7952, 0.3062, 0.3431



38.7952, 0.2901, 0.3130

Rectangle

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



38.7952, 0.3190, 0.3155



38.7952, 0.3346, 0.3319



38.7952, 0.3062, 0.3431



38.7952, 0.2913, 0.3254

Sweetspot

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



38.7969, 0.3190, 0.3155



76.7437, 0.3148, 0.3245



37.8734, 0.3044, 0.3069



16.7759, 0.3153, 0.3233



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.



38.7969, 0.3190, 0.3155



66.8578, 0.3208, 0.3120



38.5025, 0.3260, 0.3261



8.5914, 0.3193, 0.3149



7.6067, 0.4422, 0.2209



0.2502, 0.4003, 0.1979

Inverse Universe

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



38.7969, 0.3190, 0.3155



66.8578, 0.3208, 0.3120



43.1902, 0.3008, 0.3319



8.5914, 0.3193, 0.3149



7.6067, 0.4422, 0.2209



0.2502, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 38.7952, 0.3190, 0.3155 looks on a white background.

Color Contrast Check

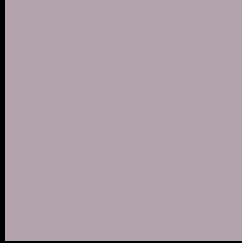
Large Text (above 18pt) WCAG AA × Fail

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 38.7952, 0.3190, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

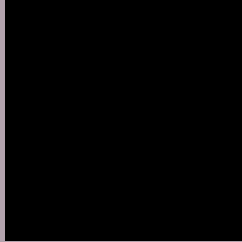
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7952, 0.3190, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 38.7952, 0.3190, 0.3155.



This preview shows how white text looks on a background with the Yxy color 38.7952, 0.3190, 0.3155.

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

38.7952, 0.3190, 0.3155

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.6815, 0.3210, 0.3142



Tritanopia

38.8732, 0.3172, 0.3128

Trichromacy



Original Color

38.7952, 0.3190, 0.3155

Protanomaly

38.7369, 0.3114, 0.3166

Deuteranomaly

38.5611, 0.3200, 0.3141

Tritanomaly

38.8341, 0.3181, 0.3141

Monochromacy



Original Color

38.7952, 0.3190, 0.3155

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4239, 0.3157, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7952, 0.3190, 0.3155 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, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 163, 173)  
}
```

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, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 163, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.7952, 0.3190, 0.3155 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, 163, 173) }
```

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

```
.border{ border-color:rgb(179, 163, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 163,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7952, 0.3190, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 163, 173) }
```

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

```
.background{ background-color: rgb(179,  
163, 173) }
```

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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