

Converting Colors

$Yxy(39.6539, 0.3208, 0.3117)$

Have a look what the booklet for
Yxy(39.6539, 0.3208, 0.3117)
contains.

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Color

Yxy(39.5193, 0.3210, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	B8A3B0
RGB	184, 163, 176
RGB Percent	72%, 64%, 69%
CMY	0.2785, 0.3607, 0.3097
CMYK	0.00, 0.11, 0.04, 0.28
HSL	323°, 13%, 68%
HSV	323°, 11%, 72%
XYZ	40.6984, 39.5193, 46.5686
YIQ	170.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

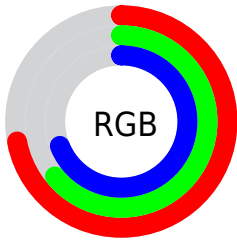
Format	Color
RYB	184, 163, 176
Decimal	12100528
CIELab	69.13, 9.94, -3.92
CIELCh	69, 10.685, 338.490
Yxy	39.5193, 0.3210, 0.3117
Android (android.graphics.Color)	4290290608 (0xFFB8A3B0)
YUV	170.7610, 2.5828, 11.6106
Hunter-Lab	62.8644, 5.5483, 0.0843

Details

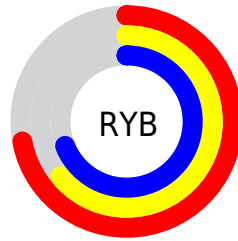
The Yxy color $39.5193, 0.3210, 0.3117$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.9982, 0.3052, 0.3469$, and the grayscale version is $40.5825, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.4943, 0.3191, 0.3146$, and $17.6494, 0.3231, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $33.1863, 0.3297, 0.2958$, and if you desaturate by 10%, it is $46.8204, 0.3136, 0.3269$.

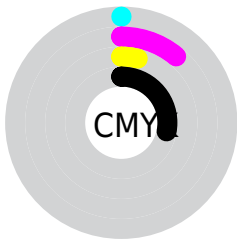
Distribution



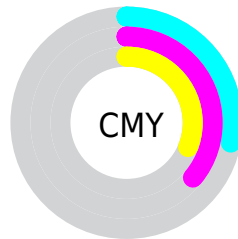
- Red (72%)
- Green (64%)
- Blue (69%)



- Red (72%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (28%)





- Cyan (28%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5193, 0.3210, 0.3117 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 39.5193, 0.3210, 0.3117 by changing the saturation by 10% instead.


 39.5193, 0.3210,
0.3117


 39.5193, 0.3210,
0.3117


344.0933, 0.3168,
0.3205

 27.1639, 0.3221,
0.3095


 74.4310, 0.3195,
0.3149

 17.6964, 0.3235,
0.3066


 97.7561, 0.3189,
0.3161

 10.7322, 0.3253,
0.3027


125.5065, 0.3184,
0.3171

 5.8871, 0.3280,
0.2971

158.0668, 0.3180,
0.3180

 2.7765, 0.3320,
0.2887

195.8212, 0.3176,
0.3187

 1.0162, 0.3390,
0.2741


239.1541, 0.3173,


 0.0000, 0.4720,


0.3194


0.0000


288.4501, 0.3170,
0.3200


 0.0000, 0.0000,
0.0000


 39.5193, 0.3210,
0.3117


 39.5193, 0.3210,
0.3117


 33.1863, 0.3297,
0.2958

 46.8204, 0.3136,
0.3269


 27.7751, 0.3400,
0.2796

 55.1231, 0.3075,
0.3413


 23.2435, 0.3519,
0.2636

 64.4654, 0.3024,
0.3546

 19.5437, 0.3655,
0.2487

 74.8821, 0.2981,
0.3670

 16.6236, 0.3806,
0.2358

 86.4061, 0.2945,
0.3783

■ 14.4249, 0.3970,
0.2261

■ 86.7644, 0.2909,
0.3702

■ 12.8812, 0.4140,
0.2205

■ 87.1373, 0.2872,
0.3622

■ 11.9137, 0.4311,
0.2200

■ 87.5259, 0.2836,
0.3543

■ 11.4066, 0.4456,
0.2228

■ 87.9302, 0.2801,
0.3465

Harmonies

Analogous

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



39.5193, 0.3050, 0.3041



39.5193, 0.3210, 0.3117



39.5193, 0.3350, 0.3237

Triad

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



39.5193, 0.3210, 0.3117



39.5193, 0.3341, 0.3561



39.5193, 0.2833, 0.3194

Complementary

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



39.5193, 0.3210, 0.3117



44.9982, 0.3052, 0.3469

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.



39.5193, 0.2907, 0.3339



39.5193, 0.3210, 0.3117



39.5193, 0.3199, 0.3555

Square

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



39.5193, 0.3210, 0.3117



39.5193, 0.3427, 0.3492



39.5193, 0.3040, 0.3473



39.5193, 0.2836, 0.3081

Rectangle

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



39.5193, 0.3210, 0.3117



39.5193, 0.3413, 0.3328



39.5193, 0.3040, 0.3473



39.5193, 0.2850, 0.3241

Sweetspot

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



39.5210, 0.3210, 0.3117



82.5858, 0.3148, 0.3245



38.2818, 0.3019, 0.3004



17.5653, 0.3153, 0.3233



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.



39.5210, 0.3210, 0.3117



68.2281, 0.3233, 0.3072



39.1316, 0.3302, 0.3253



9.1034, 0.3194, 0.3149



7.8776, 0.4436, 0.2218



0.2893, 0.4043, 0.2001

Inverse Universe

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



39.5210, 0.3210, 0.3117



68.2281, 0.3233, 0.3072



45.4030, 0.2976, 0.3328



9.1034, 0.3194, 0.3149



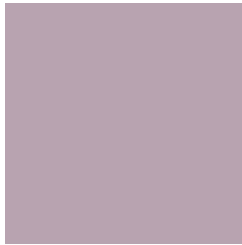
7.8776, 0.4436, 0.2218



0.2893, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 39.5193, 0.3210, 0.3117 looks on a white background.

Color Contrast Check

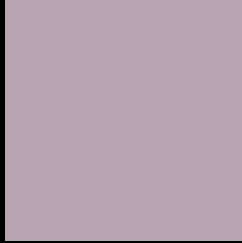
Large Text (above 18pt) WCAG AA × Fail

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 39.5193, 0.3210, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

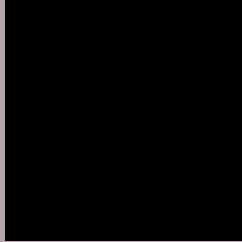
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5193, 0.3210, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 39.5193, 0.3210, 0.3117.



This preview shows how white text looks on a background with the Yxy color 39.5193, 0.3210, 0.3117.

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

39.5193, 0.3210, 0.3117

Protanopia

39.6950, 0.3044, 0.3139

Deuteranopia

39.6306, 0.3191, 0.3130



Tritanopia

39.5193, 0.3210, 0.3117

Trichromacy



Original Color

39.5193, 0.3210, 0.3117

Protanomaly

39.4855, 0.3098, 0.3127

Deuteranomaly

39.7528, 0.3200, 0.3130

Tritanomaly

39.5193, 0.3210, 0.3117

Monochromacy



Original Color

39.5193, 0.3210, 0.3117

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2525, 0.3158, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5193, 0.3210, 0.3117 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, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 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, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.5193, 0.3210, 0.3117 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, 163, 176) }
```

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

```
.border{ border-color:rgb(184, 163, 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, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5193, 0.3210, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 176) }
```

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

```
.background{ background-color: rgb(184,  
163, 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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