

Converting Colors

Yxy(39.8948, 0.3175, 0.3211)

Have a look what the booklet for
Yxy(39.8948, 0.3175, 0.3211)
contains.

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Color

Yxy(39.9631, 0.3176, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	B1A7AC
RGB	177, 167, 172
RGB Percent	69%, 65%, 67%
CMY	0.3060, 0.3450, 0.3254
CMYK	0.00, 0.06, 0.03, 0.31
HSL	330°, 6%, 67%
HSV	330°, 6%, 69%
XYZ	39.3926, 39.9631, 44.6763
YIQ	170.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

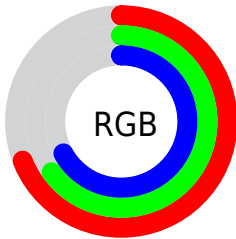
Format	Color
RYB	177, 167, 172
Decimal	11642796
CIELab	69.44, 4.50, -1.30
CIELCh	69, 4.683, 343.865
Yxy	39.9631, 0.3176, 0.3222
Android (android.graphics.Color)	4289832876 (0xFFB1A7AC)
YUV	170.5600, 0.7099, 5.6479
Hunter-Lab	63.2164, 0.6016, 2.3500

Details

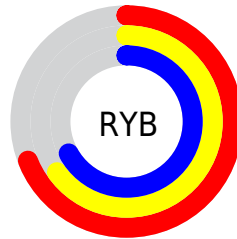
The Yxy color **39.9631, 0.3176, 0.3222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6260, 0.3081, 0.3359**, and the grayscale version is **40.4869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1122, 0.3172, 0.3238**, and **17.9026, 0.3183, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **33.5907, 0.3277, 0.3096**, and if you desaturate by 10%, it is **47.2487, 0.3093, 0.3341**.

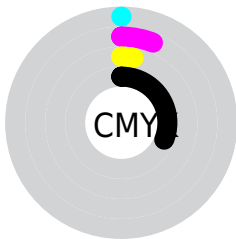
Distribution



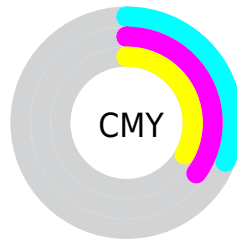
- Red (69%)
- Green (65%)
- Blue (67%)



- Red (69%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9631, 0.3176, 0.3222 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 39.9631, 0.3176, 0.3222 by changing the saturation by 10% instead.


 39.9631, 0.3176,
0.3222


 39.9631, 0.3176,
0.3222


345.9680, 0.3151,
0.3257

 27.5098, 0.3182,
0.3213


 75.1073, 0.3167,
0.3235

 17.9564, 0.3191,
0.3201


 98.5670, 0.3163,
0.3240

 10.9187, 0.3202,
0.3186


126.4643, 0.3161,
0.3244

 6.0122, 0.3218,
0.3163

159.1835, 0.3158,
0.3247

 2.8525, 0.3244,
0.3128

197.1091, 0.3156,
0.3250

 1.0552, 0.3288,
0.3067

240.6254, 0.3154,

 0.0000, 0.6822,

0.3253

0.0000

290.1170, 0.3153,
0.3255

0.0000, 0.0000,
0.0000

39.9631, 0.3176,
0.3222

39.9631, 0.3176,
0.3222

33.5907, 0.3277,
0.3096

47.2487, 0.3093,
0.3341

28.0900, 0.3397,
0.2964

55.4764, 0.3024,
0.3452

23.4242, 0.3540,
0.2831

64.6804, 0.2967,
0.3554

19.5516, 0.3709,
0.2703

74.8916, 0.2919,
0.3648

16.4269, 0.3903,
0.2587

85.8218, 0.2880,
0.3729

■ 14.0005, 0.4120,
0.2494

■ 86.2891, 0.2835,
0.3627

■ 12.2163, 0.4355,
0.2437

■ 86.7812, 0.2790,
0.3526

■ 11.0097, 0.4598,
0.2426

■ 87.2984, 0.2747,
0.3427

■ 10.2990, 0.4836,
0.2469

■ 87.8411, 0.2704,
0.3330

Harmonies

Analogous

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



39.9631, 0.3106, 0.3183



39.9631, 0.3176, 0.3222



39.9631, 0.3233, 0.3278

Triad

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



39.9631, 0.3176, 0.3222



39.9631, 0.3211, 0.3410



39.9631, 0.2995, 0.3239

Complementary

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



39.9631, 0.3176, 0.3222



42.6260, 0.3081, 0.3359

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.



39.9631, 0.3023, 0.3301



39.9631, 0.3176, 0.3222



39.9631, 0.3147, 0.3400

Square

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



39.9631, 0.3176, 0.3222



39.9631, 0.3253, 0.3387



39.9631, 0.3078, 0.3360



39.9631, 0.3003, 0.3193

Rectangle

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



39.9631, 0.3176, 0.3222



39.9631, 0.3256, 0.3319



39.9631, 0.3078, 0.3360



39.9631, 0.3001, 0.3259

Sweetspot

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



39.9648, 0.3176, 0.3222



76.1003, 0.3144, 0.3266



39.5660, 0.3087, 0.3153



16.5229, 0.3143, 0.3267



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.9648, 0.3176, 0.3222



69.7959, 0.3190, 0.3204



39.7822, 0.3218, 0.3288



8.8545, 0.3193, 0.3199



7.3073, 0.4917, 0.2482



0.2417, 0.4320, 0.2153

Inverse Universe

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



39.9648, 0.3176, 0.3222



69.7959, 0.3190, 0.3204



42.8154, 0.3043, 0.3292



8.8545, 0.3193, 0.3199



7.3073, 0.4917, 0.2482



0.2417, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 39.9631, 0.3176, 0.3222 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 39.9631, 0.3176, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

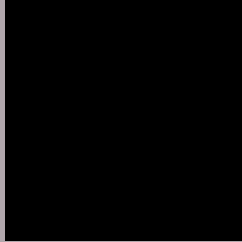
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

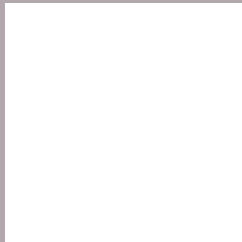
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9631, 0.3176, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 39.9631, 0.3176, 0.3222.



This preview shows how white text looks on a background with the Yxy color 39.9631, 0.3176, 0.3222.

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

39.9631, 0.3176, 0.3222

Protanopia

40.1637, 0.3121, 0.3235

Deuteranopia

39.8823, 0.3246, 0.3171



Tritanopia

39.9921, 0.3126, 0.3115

Trichromacy



Original Color

39.9631, 0.3176, 0.3222

Protanomaly

40.0211, 0.3140, 0.3222

Deuteranomaly

39.8725, 0.3216, 0.3183

Tritanomaly

39.8720, 0.3152, 0.3155

Monochromacy



Original Color

39.9631, 0.3176, 0.3222

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5740, 0.3146, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9631, 0.3176, 0.3222 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(177, 167, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 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(177, 167, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.9631, 0.3176, 0.3222 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(177, 167, 172) }
```

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

```
.border{ border-color:rgb(177, 167, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9631, 0.3176, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 172) }
```

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

```
.background{ background-color: rgb(177,  
167, 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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