

Converting Colors

$Yxy(40.4483, 0.3176, 0.3165)$

Have a look what the booklet for
Yxy(40.4483, 0.3176, 0.3165)
contains.

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Color

Yxy(40.5958, 0.3179, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7B0
RGB	181, 167, 176
RGB Percent	71%, 65%, 69%
CMY	0.2902, 0.3451, 0.3099
CMYK	0.00, 0.08, 0.03, 0.29
HSL	322°, 9%, 68%
HSV	322°, 8%, 71%
XYZ	40.7111, 40.5958, 46.7556
YIQ	172.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

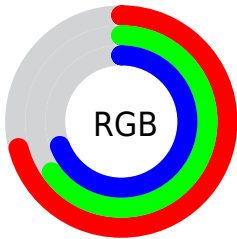
Format	Color
RYB	181, 167, 176
Decimal	11904944
CIELab	69.89, 6.68, -2.80
CIElCh	70, 7.241, 337.263
Yxy	40.5958, 0.3179, 0.3170
Android (android.graphics.Color)	4290095024 (0xFFB5A7B0)
YUV	172.2120, 1.8675, 7.7071
Hunter-Lab	63.7148, 2.5529, 1.0918

Details

The Yxy color **40.5958, 0.3179, 0.3170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.2464, 0.3079, 0.3413**, and the grayscale version is **41.3570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0733, 0.3167, 0.3187**, and **18.3059, 0.3186, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **34.1720, 0.3257, 0.3008**, and if you desaturate by 10%, it is **47.9636, 0.3113, 0.3324**.

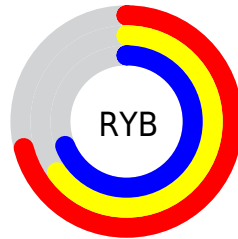
Distribution



Red (71%)

Green (65%)

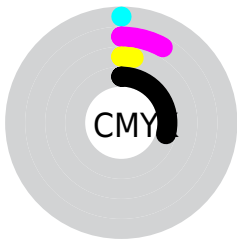
Blue (69%)



Red (71%)

Yellow (65%)

Blue (69%)

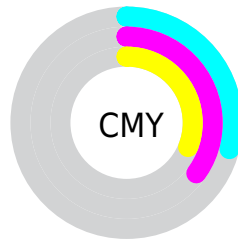


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5958, 0.3179, 0.3170 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 40.5958, 0.3179, 0.3170 by changing the saturation by 10% instead.


 40.5958, 0.3179,
0.3170


 40.5958, 0.3179,
0.3170


348.6284, 0.3153,
0.3231

 28.0034, 0.3186,
0.3154


 76.0699, 0.3169,
0.3192

 18.3282, 0.3194,
0.3134


 99.7204, 0.3166,
0.3201

 11.1859, 0.3206,
0.3107


127.8257, 0.3163,
0.3208

 6.1920, 0.3222,
0.3069

160.7703, 0.3160,
0.3214

 2.9622, 0.3248,
0.3010

198.9384, 0.3158,
0.3219

 1.1120, 0.3291,
0.2908

242.7146, 0.3156,

 0.0000, 0.4537,

0.3223

0.0000

292.4831, 0.3154,
0.3227

0.0000, 0.0000,
0.0000

40.5958, 0.3179,
0.3170

40.5958, 0.3179,
0.3170

34.1720, 0.3257,
0.3008

47.9636, 0.3113,
0.3324

28.6486, 0.3349,
0.2842

56.3066, 0.3058,
0.3469

23.9859, 0.3456,
0.2676

65.6606, 0.3012,
0.3603

20.1398, 0.3578,
0.2518

76.0585, 0.2974,
0.3727

17.0617, 0.3714,
0.2376

85.9209, 0.2942,
0.3815

■ 14.6981, 0.3863,
0.2261

■ 86.2480, 0.2908,
0.3739

■ 12.9885, 0.4020,
0.2185

■ 86.5884, 0.2874,
0.3663

■ 11.8623, 0.4179,
0.2156

■ 86.9422, 0.2840,
0.3589

■ 11.2109, 0.4335,
0.2175

■ 87.3095, 0.2807,
0.3515

Harmonies

Analogous

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



40.5958, 0.3072, 0.3120



40.5958, 0.3179, 0.3170



40.5958, 0.3274, 0.3251

Triad

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



40.5958, 0.3179, 0.3170



40.5958, 0.3274, 0.3471



40.5958, 0.2930, 0.3231

Complementary

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



40.5958, 0.3179, 0.3170



44.2464, 0.3079, 0.3413

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.



40.5958, 0.2982, 0.3327



40.5958, 0.3179, 0.3170



40.5958, 0.3180, 0.3468

Square

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



40.5958, 0.3179, 0.3170



40.5958, 0.3329, 0.3424



40.5958, 0.3073, 0.3415



40.5958, 0.2929, 0.3153

Rectangle

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



40.5958, 0.3179, 0.3170



40.5958, 0.3316, 0.3313



40.5958, 0.3073, 0.3415



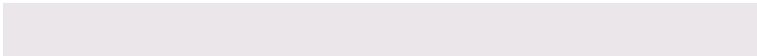
40.5958, 0.2942, 0.3262

Sweetspot

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



40.5976, 0.3179, 0.3170



80.0150, 0.3140, 0.3259



39.7354, 0.3054, 0.3099



17.3254, 0.3139, 0.3261



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.



40.5976, 0.3179, 0.3170



70.9750, 0.3189, 0.3148



40.3321, 0.3239, 0.3262



8.5939, 0.3190, 0.3145



7.6563, 0.4353, 0.2172



0.2516, 0.3959, 0.1955

Inverse Universe

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



40.5976, 0.3179, 0.3170



70.9750, 0.3189, 0.3148



44.5177, 0.3025, 0.3318



8.5939, 0.3190, 0.3145



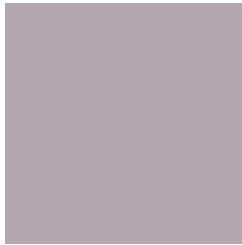
7.6563, 0.4353, 0.2172



0.2516, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 40.5958, 0.3179, 0.3170 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 40.5958, 0.3179, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

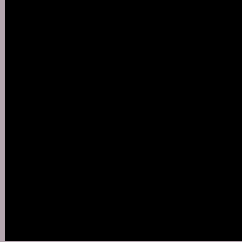
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

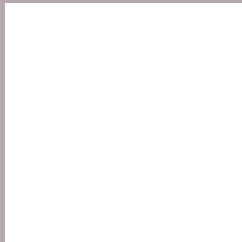
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5958, 0.3179, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 40.5958, 0.3179, 0.3170.



This preview shows how white text looks on a background with the Yxy color 40.5958, 0.3179, 0.3170.

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

40.5958, 0.3179, 0.3170

Protanopia

40.7345, 0.3078, 0.3181

Deuteranopia

40.7213, 0.3217, 0.3158



Tritanopia

40.5128, 0.3154, 0.3104

Trichromacy



Original Color

40.5958, 0.3179, 0.3170

Protanomaly

40.6642, 0.3114, 0.3182

Deuteranomaly

40.5974, 0.3207, 0.3158

Tritanomaly

40.4722, 0.3163, 0.3117

Monochromacy



Original Color

40.5958, 0.3179, 0.3170

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8805, 0.3147, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5958, 0.3179, 0.3170 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(181, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 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(181, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.5958, 0.3179, 0.3170 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(181, 167, 176) }
```

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

```
.border{ border-color:rgb(181, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5958, 0.3179, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 176) }
```

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

```
.background{ background-color: rgb(181,  
167, 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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