

Converting Colors

$Y_{xy}(42.4606, 0.3175, 0.3158)$

Have a look what the booklet for
Yxy(42.4606, 0.3175, 0.3158)
contains.

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Color

Yxy(42.3590, 0.3179, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAB4
RGB	185, 170, 180
RGB Percent	73%, 67%, 71%
CMY	0.2743, 0.3334, 0.2942
CMYK	0.00, 0.08, 0.03, 0.27
HSL	320°, 10%, 70%
HSV	320°, 8%, 73%
XYZ	42.6272, 42.3590, 49.1037
YIQ	175.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

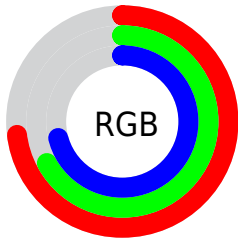
Format	Color
RYB	185, 170, 180
Decimal	12167860
CIELab	71.12, 7.22, -3.17
CIElCh	71, 7.882, 336.288
Yxy	42.3590, 0.3179, 0.3159
Android (android.graphics.Color)	4290357940 (0xFFB9AAB4)
YUV	175.6250, 2.1569, 8.2219
Hunter-Lab	65.0838, 3.0134, 0.8262

Details

The Yxy color $42.3590, 0.3179, 0.3159$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.3580, 0.3079, 0.3425$, and the grayscale version is $43.2001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6073, 0.3167, 0.3178$, and $19.3947, 0.3198, 0.3128$ is the 20% darker color. If you saturate the color by 10%, you get $35.6574, 0.3253, 0.2991$, and if you desaturate by 10%, it is $50.0521, 0.3116, 0.3319$.

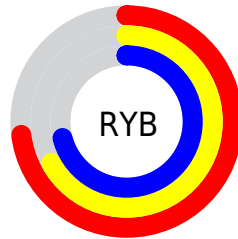
Distribution



Red (73%)

Green (67%)

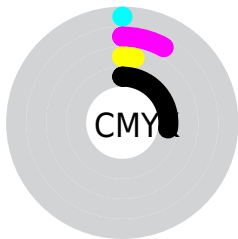
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

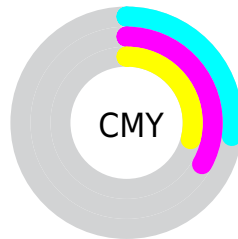


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3590, 0.3179, 0.3159 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 42.3590, 0.3179, 0.3159 by changing the saturation by 10% instead.


 42.3590, 0.3179,
0.3159

 42.3590, 0.3179,
0.3159

355.9690, 0.3153,
0.3225

 29.3825, 0.3186,
0.3142


 78.7427, 0.3170,
0.3183

 19.3704, 0.3194,
0.3121


102.9186, 0.3166,
0.3192

 11.9382, 0.3205,
0.3092


131.5965, 0.3163,
0.3200

 6.7016, 0.3221,
0.3052

165.1608, 0.3160,
0.3206

 3.2762, 0.3245,
0.2991

203.9957, 0.3158,
0.3212

 1.2776, 0.3285,
0.2887

248.4858, 0.3156,

 0.1237, 0.3796,

0.3217

0.1599

299.0154, 0.3155,
0.3221

0.0000, 0.0000,
0.0000

42.3590, 0.3179,
0.3159

42.3590, 0.3179,
0.3159

35.6574, 0.3253,
0.2991

50.0521, 0.3116,
0.3319

29.9011, 0.3340,
0.2819

58.7695, 0.3064,
0.3470

25.0483, 0.3441,
0.2648

68.5494, 0.3020,
0.3610

21.0521, 0.3556,
0.2485

79.4263, 0.2983,
0.3739

17.8612, 0.3683,
0.2339

86.5453, 0.2951,
0.3781

■ 15.4188, 0.3821,
0.2222

■ 86.8630, 0.2918,
0.3709

■ 13.6606, 0.3966,
0.2144

■ 87.1929, 0.2885,
0.3638

■ 12.5115, 0.4112,
0.2113

■ 87.5351, 0.2853,
0.3567

■ 11.8520, 0.4256,
0.2128

■ 87.8898, 0.2821,
0.3497

Harmonies

Analogous

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



42.3590, 0.3064, 0.3106



42.3590, 0.3179, 0.3159



42.3590, 0.3282, 0.3245

Triad

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



42.3590, 0.3179, 0.3159



42.3590, 0.3288, 0.3483



42.3590, 0.2916, 0.3229

Complementary

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



42.3590, 0.3179, 0.3159



46.3580, 0.3079, 0.3425

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.



42.3590, 0.2974, 0.3333



42.3590, 0.3179, 0.3159



42.3590, 0.3188, 0.3482

Square

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



42.3590, 0.3179, 0.3159



42.3590, 0.3345, 0.3432



42.3590, 0.3073, 0.3427



42.3590, 0.2914, 0.3145

Rectangle

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



42.3590, 0.3179, 0.3159



42.3590, 0.3329, 0.3311



42.3590, 0.3073, 0.3427



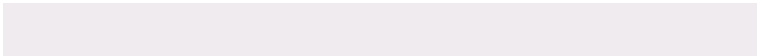
42.3590, 0.2930, 0.3263

Sweetspot

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



42.3608, 0.3179, 0.3159



84.0140, 0.3139, 0.3258



41.3659, 0.3047, 0.3088



18.1438, 0.3139, 0.3260



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.



42.3608, 0.3179, 0.3159



73.2528, 0.3193, 0.3126



42.0638, 0.3243, 0.3257



9.1101, 0.3187, 0.3139



8.0091, 0.4266, 0.2124



0.2934, 0.3930, 0.1939

Inverse Universe

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



42.3608, 0.3179, 0.3159



73.2528, 0.3193, 0.3126



46.6607, 0.3022, 0.3323



9.1101, 0.3187, 0.3139



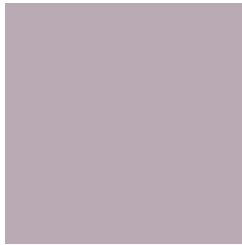
8.0091, 0.4266, 0.2124



0.2934, 0.3930, 0.1939

Previews

White Background



This preview shows how the Yxy color 42.3590, 0.3179, 0.3159 looks on a white background.

Color Contrast Check

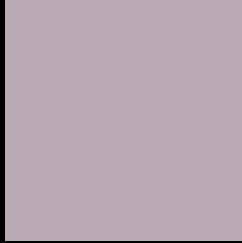
Large Text (above 18pt) WCAG AA × Fail

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 42.3590, 0.3179, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

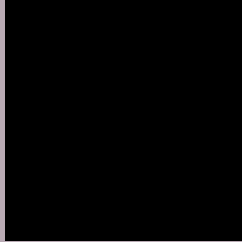
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3590, 0.3179, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 42.3590, 0.3179, 0.3159.



This preview shows how white text looks on a background with the Yxy color 42.3590, 0.3179, 0.3159.

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

42.3590, 0.3179, 0.3159

Protanopia

42.3785, 0.3071, 0.3169

Deuteranopia

42.3626, 0.3207, 0.3147



Tritanopia

42.4826, 0.3153, 0.3120

Trichromacy



Original Color

42.3590, 0.3179, 0.3159

Protanomaly

42.4249, 0.3115, 0.3170

Deuteranomaly

42.2360, 0.3198, 0.3147

Tritanomaly

42.4411, 0.3162, 0.3133

Monochromacy



Original Color

42.3590, 0.3179, 0.3159

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0301, 0.3147, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3590, 0.3179, 0.3159 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(185, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 180)  
}
```

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(185, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.3590, 0.3179, 0.3159 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(185, 170, 180) }
```

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

```
.border{ border-color:rgb(185, 170, 180) }
```

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

Here you see how a box with a 4 pixel rgb(185, 170, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3590, 0.3179, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 180) }
```

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

```
.background{ background-color: rgb(185,  
170, 180) }
```

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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