

Converting Colors

$Y_{xy}(43.4785, 0.3095, 0.3118)$

Have a look what the booklet for
Yxy(43.4785, 0.3095, 0.3118)
contains.

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Color

Yxy(43.3774, 0.3100, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	B6ADBA
RGB	182, 173, 186
RGB Percent	71%, 68%, 73%
CMY	0.2862, 0.3216, 0.2706
CMYK	0.02, 0.07, 0.00, 0.27
HSL	282°, 9%, 70%
HSV	282°, 7%, 73%
XYZ	43.0993, 43.3774, 52.5534
YIQ	177.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

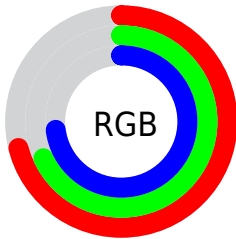
Format	Color
RYB	182, 173, 186
Decimal	11972026
CIELab	71.81, 5.64, -5.49
CIELCh	72, 7.868, 315.788
Yxy	43.3774, 0.3100, 0.3120
Android (android.graphics.Color)	4290162106 (0xFFB6ADBA)
YUV	177.1730, 4.3517, 4.2333
Hunter-Lab	65.8615, 1.5515, -1.2067

Details

The Yxy color $43.3774, 0.3100, 0.3120$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.4796, 0.3152, 0.3462$, and the grayscale version is $44.0398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0748, 0.3107, 0.3148$, and $20.0353, 0.3089, 0.3075$ is the 20% darker color. If you saturate the color by 10%, you get $36.0550, 0.3055, 0.2864$, and if you desaturate by 10%, it is $51.7248, 0.3138, 0.3361$.

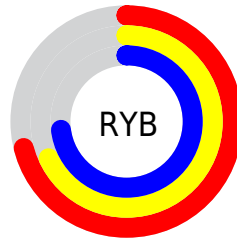
Distribution



Red (71%)

Green (68%)

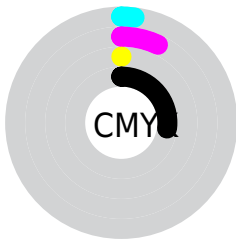
Blue (73%)



Red (71%)

Yellow (68%)

Blue (73%)

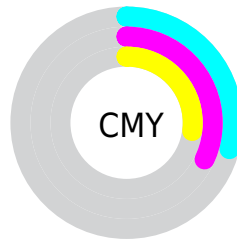


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3774, 0.3100, 0.3120 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 43.3774, 0.3100, 0.3120 by changing the saturation by 10% instead.

■ 43.3774, 0.3100,
0.3120

■ 43.3774, 0.3100,
0.3120

360.1615, 0.3114,
0.3205

■ 30.1813, 0.3096,
0.3099

■ 80.2801, 0.3105,
0.3151

■ 19.9763, 0.3091,
0.3071

104.7555, 0.3107,
0.3163

■ 12.3778, 0.3085,
0.3035

133.7594, 0.3109,
0.3172

■ 7.0015, 0.3075,
0.2984

167.6763, 0.3110,
0.3181

■ 3.4631, 0.3060,
0.2907

206.8906, 0.3111,
0.3188

■ 1.3780, 0.3032,
0.2779

251.7866, 0.3112,

■ 0.2004, 0.2903,

0.3195

0.1773

302.7488, 0.3113,
0.3200

■ 0.0000, 0.0000,
0.0000

■ 43.3774, 0.3100,
0.3120

■ 43.3774, 0.3100,
0.3120

■ 36.0550, 0.3055,
0.2864

■ 51.7248, 0.3138,
0.3361

■ 29.7109, 0.3001,
0.2596

■ 61.1305, 0.3169,
0.3583

■ 24.3031, 0.2940,
0.2324

■ 71.6329, 0.3194,
0.3787

■ 19.7841, 0.2871,
0.2056

■ 83.2670, 0.3214,
0.3972

■ 16.1026, 0.2795,
0.1803

■ 88.8455, 0.3243,
0.4038

■ 13.2013, 0.2714,
0.1577

■ 89.7007, 0.3280,
0.4029

■ 11.0161, 0.2631,
0.1388

■ 90.5861, 0.3317,
0.4020

■ 9.4722, 0.2549,
0.1244

■ 91.5020, 0.3354,
0.4012

■ 8.4654, 0.2470,
0.1147

■ 92.4487, 0.3392,
0.4003

Harmonies

Analogous

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



43.3774, 0.2995, 0.3099



43.3774, 0.3100, 0.3120



43.3774, 0.3214, 0.3185

Triad

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



43.3774, 0.3100, 0.3120



43.3774, 0.3331, 0.3451



43.3774, 0.2952, 0.3300

Complementary

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



43.3774, 0.3100, 0.3120



47.4796, 0.3152, 0.3462

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.



43.3774, 0.3039, 0.3399



43.3774, 0.3100, 0.3120



43.3774, 0.3258, 0.3487

Square

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



43.3774, 0.3100, 0.3120



43.3774, 0.3348, 0.3374



43.3774, 0.3151, 0.3468



43.3774, 0.2911, 0.3200

Rectangle

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



43.3774, 0.3100, 0.3120



43.3774, 0.3279, 0.3244



43.3774, 0.3151, 0.3468



43.3774, 0.2977, 0.3335

Sweetspot

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



43.3793, 0.3100, 0.3120



85.8883, 0.3120, 0.3241



43.9200, 0.3021, 0.3171



18.9485, 0.3120, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.3793, 0.3100, 0.3120



77.0170, 0.3095, 0.3091



43.7711, 0.3155, 0.3152



9.0208, 0.3090, 0.3061



5.5632, 0.2456, 0.1127



0.2271, 0.2658, 0.1238

Inverse Universe

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



43.5004, 0.3210, 0.3238



77.2742, 0.3225, 0.3229



47.1114, 0.3101, 0.3432



9.0564, 0.3241, 0.3220



7.2341, 0.5706, 0.2917



0.2664, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 43.3774, 0.3100, 0.3120 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 43.3774, 0.3100, 0.3120 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 43.3774, 0.3100, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 43.3774, 0.3100, 0.3120.



This preview shows how white text looks on a background with the Yxy color 43.3774, 0.3100, 0.3120.

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

43.3774, 0.3100, 0.3120

Protanopia

43.4779, 0.3039, 0.3131

Deuteranopia

43.3624, 0.3154, 0.3097



Tritanopia

43.4201, 0.3092, 0.3107

Trichromacy



Original Color

43.3774, 0.3100, 0.3120

Protanomaly

43.3249, 0.3057, 0.3118

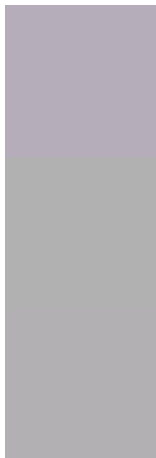
Deuteranomaly

43.4893, 0.3136, 0.3109

Tritanomaly

43.4201, 0.3092, 0.3107

Monochromacy



Original Color

43.3774, 0.3100, 0.3120

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9297, 0.3121, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3774, 0.3100, 0.3120 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(182, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 186)  
}
```

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(182, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.3774, 0.3100, 0.3120 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(182, 173, 186) }
```

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

```
.border{ border-color:rgb(182, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3774, 0.3100, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 186) }
```

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

```
.background{ background-color: rgb(182,  
173, 186) }
```

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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