

Converting Colors

$Y_{xy}(42.3342, 0.3079, 0.3183)$

Have a look what the booklet for
Yxy(42.3342, 0.3079, 0.3183)
contains.

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Color

Yxy(42.3373, 0.3079, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	AFADB5
RGB	175, 173, 181
RGB Percent	69%, 68%, 71%
CMY	0.3139, 0.3215, 0.2903
CMYK	0.03, 0.04, 0.00, 0.29
HSL	255°, 5%, 69%
HSV	255°, 4%, 71%
XYZ	40.9540, 42.3373, 49.7194
YIQ	174.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

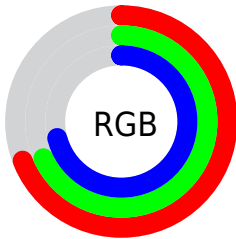
Format	Color
RYB	175, 173, 181
Decimal	11513269
CIELab	71.10, 2.21, -3.83
CIELCh	71, 4.423, 299.922
Yxy	42.3373, 0.3079, 0.3183
Android (android.graphics.Color)	4289703349 (0xFFAFADB5)
YUV	174.5100, 3.1996, 0.4297
Hunter-Lab	65.0671, -1.5175, 0.2420

Details

The Yxy color **42.3373, 0.3079, 0.3183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6479, 0.3174, 0.3396**, and the grayscale version is **42.5846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5902, 0.3091, 0.3197**, and **19.4442, 0.3072, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **34.3557, 0.2957, 0.2920**, and if you desaturate by 10%, it is **51.4236, 0.3184, 0.3418**.

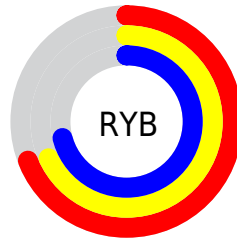
Distribution



Red (69%)

Green (68%)

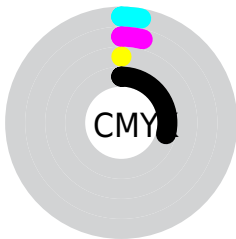
Blue (71%)



Red (69%)

Yellow (68%)

Blue (71%)

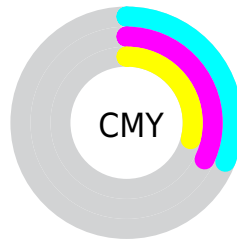


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3373, 0.3079, 0.3183 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 42.3373, 0.3079, 0.3183 by changing the saturation by 10% instead.

■ 42.3373, 0.3079,
0.3183

■ 42.3373, 0.3079,
0.3183

355.8793, 0.3104,
0.3237

■ 29.3655, 0.3073,
0.3169

■ 78.7099, 0.3088,
0.3203

■ 19.3575, 0.3064,
0.3152

102.8794, 0.3091,
0.3210

■ 11.9289, 0.3053,
0.3128

131.5503, 0.3094,
0.3216

■ 6.6953, 0.3038,
0.3094

165.1070, 0.3097,
0.3222

■ 3.2723, 0.3013,
0.3042

203.9338, 0.3099,
0.3226

■ 1.2755, 0.2970,
0.2954

248.4152, 0.3101,

■ 0.1221, 0.2452,

0.3230

0.1762

298.9356, 0.3102,
0.3234

0.0000, 0.0000,
0.0000

42.3373, 0.3079,
0.3183

42.3373, 0.3079,
0.3183

34.3557, 0.2957,
0.2920

51.4236, 0.3184,
0.3418

27.4311, 0.2819,
0.2631

61.6491, 0.3274,
0.3627

21.5201, 0.2663,
0.2319

73.0537, 0.3350,
0.3811

16.5746, 0.2493,
0.1994

85.6735, 0.3415,
0.3972

12.5421, 0.2315,
0.1669

93.9918, 0.3489,
0.4038

■ 9.3652, 0.2135,
0.1361

■ 96.1155, 0.3567,
0.4018

■ 6.9800, 0.1964,
0.1092

■ 5.3129, 0.1814,
0.0879

■ 4.2763, 0.1694,
0.0736

Harmonies

Analogous

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



42.3373, 0.3028, 0.3186



42.3373, 0.3079, 0.3183



42.3373, 0.3143, 0.3208

Triad

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



42.3373, 0.3079, 0.3183



42.3373, 0.3252, 0.3361



42.3373, 0.3051, 0.3327

Complementary

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



42.3373, 0.3079, 0.3183



45.6479, 0.3174, 0.3396

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.



42.3373, 0.3111, 0.3375



42.3373, 0.3079, 0.3183



42.3373, 0.3227, 0.3395

Square

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



42.3373, 0.3079, 0.3183



42.3373, 0.3243, 0.3310



42.3373, 0.3175, 0.3400



42.3373, 0.3013, 0.3269

Rectangle

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



42.3373, 0.3079, 0.3183



42.3373, 0.3185, 0.3237



42.3373, 0.3175, 0.3400



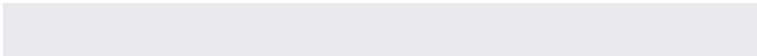
42.3373, 0.3070, 0.3345

Sweetspot

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



42.3391, 0.3079, 0.3183



81.1254, 0.3116, 0.3266



44.5122, 0.3060, 0.3265



17.5528, 0.3117, 0.3267



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.



42.3391, 0.3079, 0.3183



74.8045, 0.3071, 0.3166



42.7973, 0.3113, 0.3184



8.9903, 0.3065, 0.3153



2.6965, 0.1649, 0.0682



0.1123, 0.1948, 0.0847

Inverse Universe

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



42.9731, 0.3148, 0.3210



76.1121, 0.3152, 0.3198



45.1891, 0.3140, 0.3397



9.1643, 0.3154, 0.3188



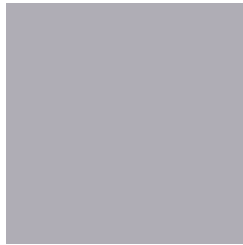
8.0292, 0.3926, 0.1936



0.2611, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 42.3373, 0.3079, 0.3183 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 42.3373, 0.3079, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

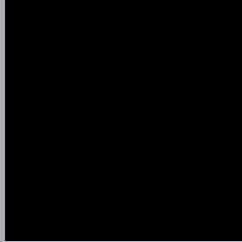
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

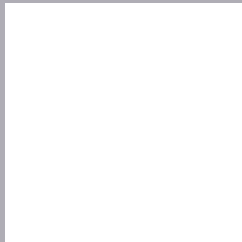
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3373, 0.3079, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 42.3373, 0.3079, 0.3183.



This preview shows how white text looks on a background with the Yxy color 42.3373, 0.3079, 0.3183.

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

42.3373, 0.3079, 0.3183

Protanopia

42.3373, 0.3079, 0.3183

Deuteranopia

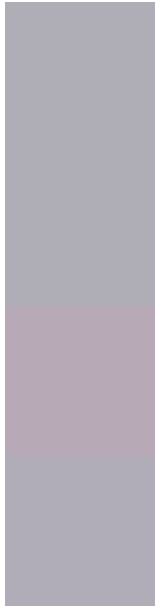
42.3181, 0.3180, 0.3121



Tritanopia

42.2803, 0.3048, 0.3104

Trichromacy



Original Color

42.3373, 0.3079, 0.3183

Protanomaly

42.3373, 0.3079, 0.3183

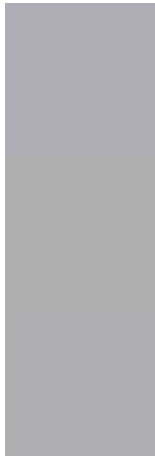
Deuteranomaly

42.1941, 0.3144, 0.3132

Tritanomaly

42.1958, 0.3064, 0.3130

Monochromacy



Original Color

42.3373, 0.3079, 0.3183

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5604, 0.3111, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3373, 0.3079, 0.3183 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(175, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 181)  
}
```

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(175, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.3373, 0.3079, 0.3183 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(175, 173, 181) }
```

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

```
.border{ border-color:rgb(175, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
181) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.3373, 0.3079, 0.3183$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 181) }
```

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

```
.background{ background-color: rgb(175,  
173, 181) }
```

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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