

Converting Colors

Yxy(43.2164, 0.3059, 0.3185)

Have a look what the booklet for
Yxy(43.2164, 0.3059, 0.3185)
contains.

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Color

Yxy(43.1928, 0.3062, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	AFAFB7
RGB	175, 175, 183
RGB Percent	69%, 69%, 72%
CMY	0.3139, 0.3137, 0.2823
CMYK	0.04, 0.04, 0.00, 0.28
HSL	240°, 5%, 70%
HSV	240°, 4%, 72%
XYZ	41.5508, 43.1928, 50.9547
YIQ	175.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

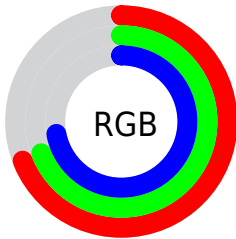
Format	Color
RYB	175, 175, 183
Decimal	11513783
CIELab	71.69, 1.52, -4.09
CIElCh	72, 4.367, 290.372
Yxy	43.1928, 0.3062, 0.3183
Android (android.graphics.Color)	4289703863 (0xFFAFAFB7)
YUV	175.9120, 3.4944, -0.7998
Hunter-Lab	65.7212, -2.1593, 0.0364

Details

The Yxy color $43.1928, 0.3062, 0.3183$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.0140, 0.3191, 0.3395$, and the grayscale version is $43.3488, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8145, 0.3077, 0.3197$, and $19.9886, 0.3049, 0.3161$ is the 20% darker color. If you saturate the color by 10%, you get $34.6118, 0.2899, 0.2916$, and if you desaturate by 10%, it is $53.0171, 0.3205, 0.3417$.

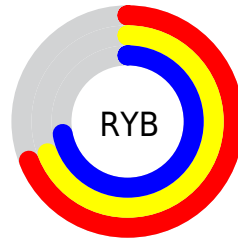
Distribution



Red (69%)

Green (69%)

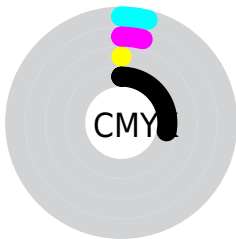
Blue (72%)



Red (69%)

Yellow (69%)

Blue (72%)

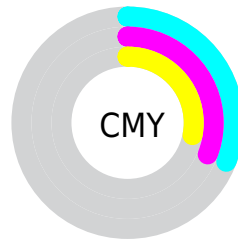


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1928, 0.3062, 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 43.1928, 0.3062, 0.3183 by changing the saturation by 10% instead.

■ 43.1928, 0.3062,
0.3183

■ 43.1928, 0.3062,
0.3183

359.4041, 0.3095,
0.3237

■ 30.0364, 0.3054,
0.3169

■ 80.0017, 0.3074,
0.3203

■ 19.8662, 0.3043,
0.3152

104.4231, 0.3079,
0.3210

■ 12.2978, 0.3028,
0.3128

133.3682, 0.3082,
0.3216

■ 6.9469, 0.3007,
0.3095

167.2214, 0.3086,
0.3222

■ 3.4289, 0.2975,
0.3044

206.3673, 0.3089,
0.3226

■ 1.3595, 0.2920,
0.2958

251.1900, 0.3091,

■ 0.1866, 0.2409,

0.3230

0.2096

302.0742, 0.3093,
0.3234

0.0000, 0.0000,
0.0000

43.1928, 0.3062,
0.3183

43.1928, 0.3062,
0.3183

34.6118, 0.2899,
0.2916

53.0171, 0.3205,
0.3417

27.2194, 0.2717,
0.2616

64.1257, 0.3328,
0.3620

20.9648, 0.2517,
0.2287

76.5646, 0.3434,
0.3794

15.7917, 0.2306,
0.1939

90.3756, 0.3526,
0.3944

11.6385, 0.2094,
0.1590

96.1996, 0.3555,
0.3998

■ 8.4381, 0.1896,
0.1261

■ 6.1148, 0.1727,
0.0982

■ 4.5818, 0.1602,
0.0773

■ 3.7344, 0.1528,
0.0648

Harmonies

Analogous

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



43.1928, 0.3020, 0.3195



43.1928, 0.3062, 0.3183



43.1928, 0.3122, 0.3199

Triad

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



43.1928, 0.3062, 0.3183



43.1928, 0.3250, 0.3345



43.1928, 0.3070, 0.3343

Complementary

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



43.1928, 0.3062, 0.3183



47.0140, 0.3191, 0.3395

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.



43.1928, 0.3131, 0.3384



43.1928, 0.3062, 0.3183



43.1928, 0.3236, 0.3385

Square

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



43.1928, 0.3062, 0.3183



43.1928, 0.3231, 0.3292



43.1928, 0.3192, 0.3399



43.1928, 0.3024, 0.3287

Rectangle

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



43.1928, 0.3062, 0.3183



43.1928, 0.3164, 0.3223



43.1928, 0.3192, 0.3399



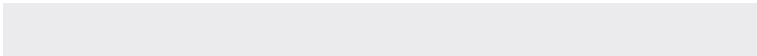
43.1928, 0.3089, 0.3359

Sweetspot

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



43.1946, 0.3062, 0.3183



83.0467, 0.3112, 0.3266



46.3968, 0.3061, 0.3292



18.3625, 0.3113, 0.3267



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.



43.1946, 0.3062, 0.3183



76.2296, 0.3052, 0.3166



43.6305, 0.3096, 0.3183



9.4698, 0.3044, 0.3153



2.4077, 0.1502, 0.0605



0.0882, 0.1507, 0.0626

Inverse Universe

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



43.8096, 0.3198, 0.3290



77.4956, 0.3210, 0.3289



46.5654, 0.3158, 0.3396



9.6445, 0.3219, 0.3289



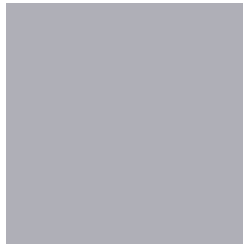
7.0254, 0.6392, 0.3295



0.2480, 0.6356, 0.3275

Previews

White Background



This preview shows how the Yxy color 43.1928, 0.3062, 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 43.1928, 0.3062, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

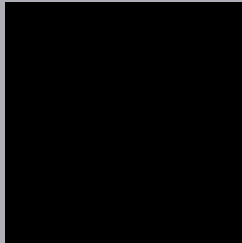
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

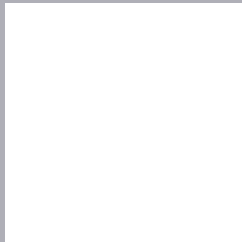
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1928, 0.3062, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 43.1928, 0.3062, 0.3183.



This preview shows how white text looks on a background with the Yxy color 43.1928, 0.3062, 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

43.1928, 0.3062, 0.3183

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

43.0290, 0.3181, 0.3110



Tritanopia

43.1331, 0.3032, 0.3105

Trichromacy



Original Color

43.1928, 0.3062, 0.3183

Protanomaly

43.3089, 0.3071, 0.3183

Deuteranomaly

43.1561, 0.3135, 0.3133

Tritanomaly

43.0474, 0.3047, 0.3131

Monochromacy



Original Color

43.1928, 0.3062, 0.3183

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5354, 0.3103, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1928, 0.3062, 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, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 183)  
}
```

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, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.1928, 0.3062, 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, 175, 183) }
```

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

```
.border{ border-color:rgb(175, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1928, 0.3062, 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, 175, 183) }
```

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

```
.background{ background-color: rgb(175,  
175, 183) }
```

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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