

Converting Colors

$Yxy(44.4198, 0.2940, 0.3221)$

Have a look what the booklet for
Yxy(44.4198, 0.2940, 0.3221)
contains.

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Color

Yxy(44.3794, 0.2939, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	A3B5BA
RGB	163, 181, 186
RGB Percent	64%, 71%, 73%
CMY	0.3610, 0.2901, 0.2706
CMYK	0.12, 0.03, 0.00, 0.27
HSL	193°, 14%, 68%
HSV	193°, 12%, 73%
XYZ	40.4814, 44.3794, 52.8779
YIQ	176.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

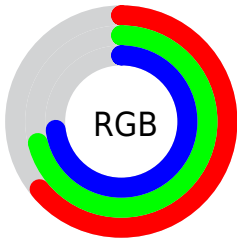
Format	Color
RYB	163, 173, 186
Decimal	10728890
CIELab	72.48, -5.19, -4.65
CIELCh	72, 6.972, 221.848
Yxy	44.3794, 0.2939, 0.3222
Android (android.graphics.Color)	4288918970 (0xFFA3B5BA)
YUV	176.1880, 4.8373, -11.5659
Hunter-Lab	66.6179, -8.1129, -0.4289

Details

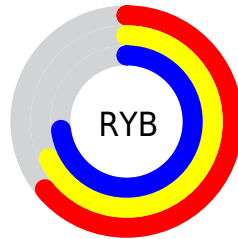
The Yxy color $44.3794, 0.2939, 0.3222$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.0528, 0.3340, 0.3357$, and the grayscale version is $43.4945, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8846, 0.2974, 0.3237$, and $20.5113, 0.2883, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $40.9539, 0.2790, 0.3161$, and if you desaturate by 10%, it is $48.1442, 0.3091, 0.3278$.

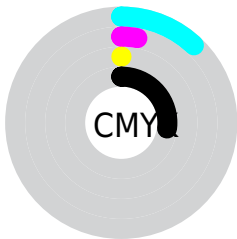
Distribution



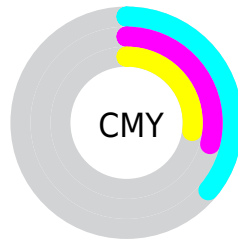
- Red (64%)
- Green (71%)
- Blue (73%)



- Red (64%)
- Yellow (68%)
- Blue (73%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3794, 0.2939, 0.3222 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 44.3794, 0.2939, 0.3222 by changing the saturation by 10% instead.

■ 44.3794, 0.2939,
0.3222

■ 44.3794, 0.2939,
0.3222

■ 364.2543, 0.3033,
0.3257

■ 30.9689, 0.2915,
0.3213

■ 81.7883, 0.2973,
0.3235

■ 20.5752, 0.2885,
0.3201

■ 106.5556, 0.2986,
0.3240

■ 12.8138, 0.2844,
0.3185

■ 135.8771, 0.2997,
0.3244

■ 7.3005, 0.2787,
0.3162

■ 170.1375, 0.3006,
0.3247

■ 3.6507, 0.2701,
0.3127

■ 209.7210, 0.3015,
0.3250

■ 1.4802, 0.2558,
0.3064

■ 255.0120, 0.3022,

■ 0.2747, 0.1300,

0.3253

0.2658

306.3950, 0.3028,
0.3255

0.0000, 0.0000,
0.0000

44.3794, 0.2939,
0.3222

44.3794, 0.2939,
0.3222

40.9539, 0.2790,
0.3161

48.1442, 0.3091,
0.3278

37.8493, 0.2648,
0.3096

52.2549, 0.3243,
0.3328

35.0534, 0.2514,
0.3025

56.7248, 0.3394,
0.3373

32.5513, 0.2393,
0.2952

61.5650, 0.3541,
0.3413

30.3265, 0.2287,
0.2875

66.6071, 0.3676,
0.3448

■ 28.3607, 0.2199,
0.2797

■ 68.5014, 0.3665,
0.3489

■ 26.6330, 0.2129,
0.2718

■ 70.4448, 0.3654,
0.3530

■ 25.1184, 0.2079,
0.2640

■ 72.4377, 0.3643,
0.3570

■ 24.0711, 0.2050,
0.2581

■ 74.4805, 0.3633,
0.3610

Harmonies

Analogous

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



44.3794, 0.2981, 0.3311



44.3794, 0.2939, 0.3222



44.3794, 0.2946, 0.3153

Triad

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



44.3794, 0.2939, 0.3222



44.3794, 0.3191, 0.3188



44.3794, 0.3253, 0.3461

Complementary

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



44.3794, 0.2939, 0.3222



41.0528, 0.3340, 0.3357

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.



44.3794, 0.3311, 0.3425



44.3794, 0.2939, 0.3222



44.3794, 0.3275, 0.3267

Square

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



44.3794, 0.2939, 0.3222



44.3794, 0.3090, 0.3135



44.3794, 0.3319, 0.3353



44.3794, 0.3162, 0.3451

Rectangle

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



44.3794, 0.2939, 0.3222



44.3794, 0.2978, 0.3128



44.3794, 0.3319, 0.3353



44.3794, 0.3277, 0.3454

Sweetspot

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



44.3813, 0.2939, 0.3222



86.0908, 0.3065, 0.3269



45.7031, 0.3077, 0.3545



18.8417, 0.3054, 0.3265



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.



44.3813, 0.2939, 0.3222



78.6191, 0.2896, 0.3205



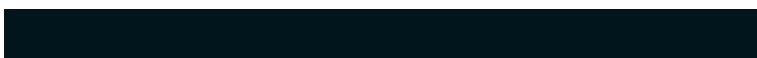
40.0220, 0.2936, 0.3067



9.8732, 0.2985, 0.3240



16.3099, 0.2053, 0.2591



0.6581, 0.2109, 0.2791

Inverse Universe

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



39.9499, 0.3185, 0.3053



68.9866, 0.3199, 0.2996



45.3495, 0.3321, 0.3503



9.1287, 0.3169, 0.3112



8.4288, 0.3833, 0.1885



0.3055, 0.3643, 0.1781

Previews

White Background



This preview shows how the Yxy color 44.3794, 0.2939, 0.3222 looks on a white background.

Color Contrast Check

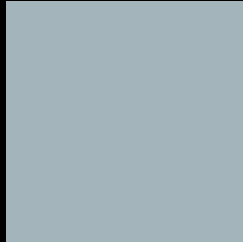
Large Text (above 18pt) WCAG AA × Fail

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 44.3794, 0.2939, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

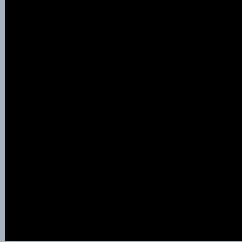
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

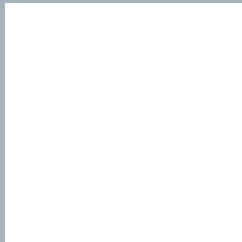
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3794, 0.2939, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 44.3794, 0.2939, 0.3222.



This preview shows how white text looks on a background with the Yxy color 44.3794, 0.2939, 0.3222.

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

44.3794, 0.2939, 0.3222

Protanopia

44.4469, 0.3096, 0.3211

Deuteranopia

44.0830, 0.3155, 0.3086



Tritanopia

44.4301, 0.2888, 0.3102

Trichromacy



Original Color

44.3794, 0.2939, 0.3222

Protanomaly

44.1857, 0.3037, 0.3210

Deuteranomaly

43.9511, 0.3074, 0.3133

Tritanomaly

44.2966, 0.2910, 0.3141

Monochromacy



Original Color

44.3794, 0.2939, 0.3222

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7940, 0.3051, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3794, 0.2939, 0.3222 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(163, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 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(163, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.3794, 0.2939, 0.3222 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(163, 181, 186) }
```

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

```
.border{ border-color:rgb(163, 181, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 181, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 181, 186); box-shadow:4px 4px 4px 4px rgb(163, 181, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3794, 0.2939, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 186) }
```

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

```
.background{ background-color: rgb(163,  
181, 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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