

Converting Colors

$Y_{xy}(44.5431, 0.2879, 0.3181)$

Have a look what the booklet for
Yxy(44.5431, 0.2879, 0.3181)
contains.

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Color

Yxy(44.5445, 0.2879, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	9FB6BE
RGB	159, 182, 190
RGB Percent	62%, 71%, 75%
CMY	0.3765, 0.2862, 0.2550
CMYK	0.16, 0.04, 0.00, 0.26
HSL	195°, 19%, 68%
HSV	195°, 16%, 74%
XYZ	40.3155, 44.5445, 55.1730
YIQ	176.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

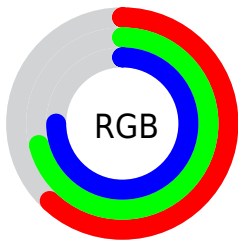
Format	Color
R_{YB}	159, 172, 190
Decimal	10467006
CIE Lab	72.59, -6.18, -6.70
CIE LCh	73, 9.119, 227.330
Yxy	44.5445, 0.2879, 0.3181
Android (android.graphics.Color)	4288657086 (0xFF9FB6BE)
YUV	176.0350, 6.8847, -14.9397
Hunter-Lab	66.7417, -8.9745, -2.2938

Details

The Yxy color **44.5445, 0.2879, 0.3181** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0654, 0.3416, 0.3397**, and the grayscale version is **43.4039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0990, 0.2926, 0.3205**, and **20.6325, 0.2803, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **40.7862, 0.2730, 0.3106**, and if you desaturate by 10%, it is **48.6747, 0.3031, 0.3250**.

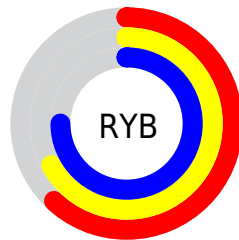
Distribution



Red (62%)

Green (71%)

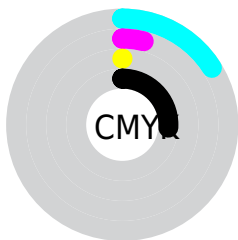
Blue (75%)



Red (62%)

Yellow (67%)

Blue (75%)

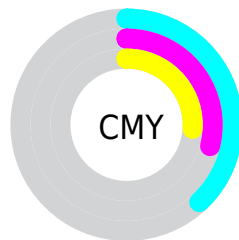


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5445, 0.2879, 0.3181 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 44.5445, 0.2879, 0.3181 by changing the saturation by 10% instead.

■ 44.5445, 0.2879,
0.3181

■ 44.5445, 0.2879,
0.3181

364.9256, 0.3003,
0.3237

■ 31.0988, 0.2848,
0.3167

■ 82.0365, 0.2924,
0.3202

■ 20.6741, 0.2808,
0.3148

■ 106.8515, 0.2941,
0.3209

■ 12.8860, 0.2755,
0.3122

136.2251, 0.2955,
0.3216

■ 7.3501, 0.2681,
0.3086

170.5417, 0.2968,
0.3221

■ 3.6820, 0.2570,
0.3030

210.1857, 0.2978,
0.3226

■ 1.4973, 0.2388,
0.2932

255.5414, 0.2988,

■ 0.2868, 0.1023,

0.3230

0.2411

306.9932, 0.2996,
0.3234

0.0000, 0.0000,
0.0000

44.5445, 0.2879,
0.3181

44.5445, 0.2879,
0.3181

40.7862, 0.2730,
0.3106

48.6747, 0.3031,
0.3250

37.3799, 0.2587,
0.3025

53.1847, 0.3183,
0.3312

34.3122, 0.2454,
0.2938

58.0890, 0.3334,
0.3368

31.5664, 0.2333,
0.2847

63.3996, 0.3480,
0.3418

29.1242, 0.2228,
0.2754

69.1279, 0.3622,
0.3462

■ 26.9649, 0.2141,
0.2658

■ 71.7159, 0.3618,
0.3511

■ 25.0647, 0.2073,
0.2562

■ 74.1833, 0.3606,
0.3560

■ 23.3930, 0.2025,
0.2468

■ 76.7250, 0.3594,
0.3609

■ 22.8118, 0.2009,
0.2433

■ 79.3418, 0.3582,
0.3657

Harmonies

Analogous

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



44.5445, 0.2922, 0.3295



44.5445, 0.2879, 0.3181



44.5445, 0.2900, 0.3100

Triad

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



44.5445, 0.2879, 0.3181



44.5445, 0.3233, 0.3174



44.5445, 0.3272, 0.3517

Complementary

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



44.5445, 0.2879, 0.3181



41.0654, 0.3416, 0.3397

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.



44.5445, 0.3358, 0.3478



44.5445, 0.2879, 0.3181



44.5445, 0.3336, 0.3280

Square

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



44.5445, 0.2879, 0.3181



44.5445, 0.3102, 0.3098



44.5445, 0.3382, 0.3391



44.5445, 0.3148, 0.3493

Rectangle

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



44.5445, 0.2879, 0.3181



44.5445, 0.2949, 0.3074



44.5445, 0.3382, 0.3391



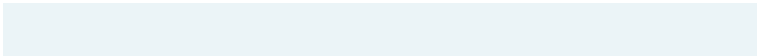
44.5445, 0.3306, 0.3511

Sweetspot

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



44.5463, 0.2879, 0.3181



89.2010, 0.3050, 0.3258



46.9655, 0.3050, 0.3612



19.4645, 0.3039, 0.3253



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.5463, 0.2879, 0.3181



77.9355, 0.2819, 0.3152



38.6256, 0.2870, 0.2967



10.3831, 0.2985, 0.3230



15.3046, 0.2013, 0.2445



0.6992, 0.2075, 0.2671

Inverse Universe

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



39.1130, 0.3217, 0.2991



66.1484, 0.3243, 0.2915



46.9956, 0.3384, 0.3593



9.6533, 0.3176, 0.3121



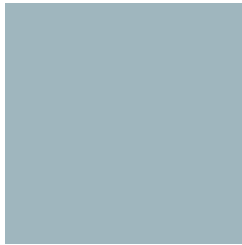
8.5747, 0.3977, 0.1964



0.3459, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 44.5445, 0.2879, 0.3181 looks on a white background.

Color Contrast Check

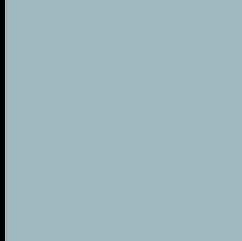
Large Text (above 18pt) WCAG AA × Fail

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 44.5445, 0.2879, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

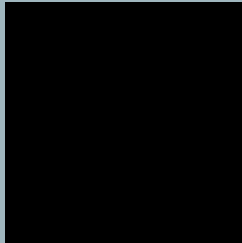
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

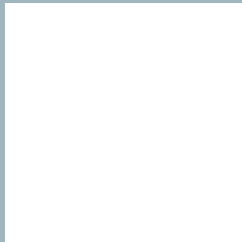
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5445, 0.2879, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 44.5445, 0.2879, 0.3181.



This preview shows how white text looks on a background with the Yxy color 44.5445, 0.2879, 0.3181.

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

44.5445, 0.2879, 0.3181

Protanopia

44.4971, 0.3056, 0.3158

Deuteranopia

44.5117, 0.3112, 0.3048



Tritanopia

44.5069, 0.2843, 0.3088

Trichromacy



Original Color

44.5445, 0.2879, 0.3181

Protanomaly

44.5290, 0.2989, 0.3170

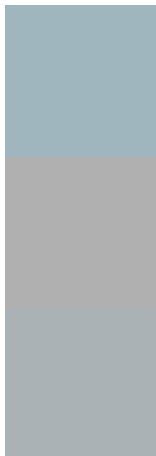
Deuteranomaly

44.2772, 0.3025, 0.3094

Tritanomaly

44.4164, 0.2857, 0.3114

Monochromacy



Original Color

44.5445, 0.2879, 0.3181

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7230, 0.3035, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5445, 0.2879, 0.3181 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(159, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 190)  
}
```

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(159, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.5445, 0.2879, 0.3181 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(159, 182, 190) }
```

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

```
.border{ border-color:rgb(159, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(159, 182,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5445, 0.2879, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 190) }
```

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

```
.background{ background-color: rgb(159,  
182, 190) }
```

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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