

Converting Colors

$Y_{xy}(50.2630, 0.2779, 0.3197)$

Have a look what the booklet for
Yxy(50.2630, 0.2779, 0.3197)
contains.

Yxy(50.2630, 0.2779, 0.3197)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2630, 0.2779, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	9BC3CA
RGB	155, 195, 202
RGB Percent	61%, 76%, 79%
CMY	0.3922, 0.2353, 0.2079
CMYK	0.23, 0.03, 0.00, 0.21
HSL	189°, 31%, 70%
HSV	189°, 23%, 79%
XYZ	43.6912, 50.2630, 63.2650
YIQ	183.8380, -26.0870, -6.3030

Conversions

Conversions Part 2

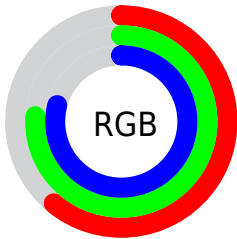
Format	Color
RYB	155, 177, 202
Decimal	10208202
CIELab	76.23, -11.66, -7.87
CIELCh	76, 14.071, 214.021
Yxy	50.2630, 0.2779, 0.3197
Android (android.graphics.Color)	4288398282 (0xFF9BC3CA)
YUV	183.8380, 8.9539, -25.2909
Hunter-Lab	70.8964, -14.0647, -3.2805

Details

The Yxy color **50.2630, 0.2779, 0.3197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7533, 0.3583, 0.3381**, and the grayscale version is **47.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5424, 0.2859, 0.3258**, and **24.0714, 0.2688, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **47.1002, 0.2641, 0.3152**, and if you desaturate by 10%, it is **53.7912, 0.2925, 0.3239**.

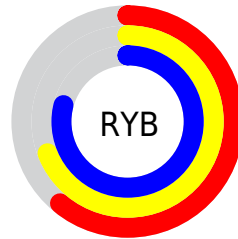
Distribution



Red (61%)

Green (76%)

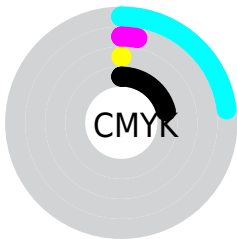
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

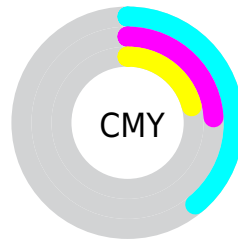


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2630, 0.2779, 0.3197 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 50.2630, 0.2779, 0.3197 by changing the saturation by 10% instead.

■ 50.2630, 0.2779,
0.3197

■ 50.2630, 0.2779,
0.3197

■ 387.6935, 0.2949,
0.3245

■ 35.6224, 0.2738,
0.3185

■ 90.5644, 0.2840,
0.3215

■ 24.1427, 0.2685,
0.3168

■ 116.9941, 0.2863,
0.3221

■ 15.4395, 0.2617,
0.3146

■ 148.1222, 0.2883,
0.3227

■ 9.1284, 0.2524,
0.3115

■ 184.3331, 0.2900,
0.3232

■ 4.8251, 0.2390,
0.3067

■ 226.0114, 0.2914,
0.3236

■ 2.1450, 0.2180,
0.2984

■ 273.5412, 0.2927,

■ 0.6897, 0.1544,

0.3239

0.2871

327.3072, 0.2939,
0.3242

0.0000, 0.0000,
0.0000

50.2630, 0.2779,
0.3197

50.2630, 0.2779,
0.3197

47.1002, 0.2641,
0.3152

53.7912, 0.2925,
0.3239

44.2798, 0.2514,
0.3103

57.6942, 0.3077,
0.3278

41.7857, 0.2402,
0.3053

61.9888, 0.3231,
0.3313

39.5979, 0.2307,
0.3001

66.6887, 0.3386,
0.3345

37.6940, 0.2230,
0.2949

71.6186, 0.3530,
0.3373

■ 36.0483, 0.2172,
0.2896

■ 73.1137, 0.3524,
0.3404

■ 34.6296, 0.2133,
0.2844

■ 74.6367, 0.3518,
0.3434

■ 33.7642, 0.2114,
0.2809

■ 76.1877, 0.3512,
0.3464

■ 77.7670, 0.3506,
0.3494

Harmonies

Analogous

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



50.2630, 0.2880, 0.3375



50.2630, 0.2779, 0.3197



50.2630, 0.2768, 0.3052

Triad

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



50.2630, 0.2779, 0.3197



50.2630, 0.3198, 0.3063



50.2630, 0.3408, 0.3612

Complementary

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



50.2630, 0.2779, 0.3197



40.7533, 0.3583, 0.3381

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.



50.2630, 0.3499, 0.3516



50.2630, 0.2779, 0.3197



50.2630, 0.3377, 0.3202

Square

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



50.2630, 0.2779, 0.3197



50.2630, 0.3005, 0.2981



50.2630, 0.3488, 0.3365



50.2630, 0.3241, 0.3621

Rectangle

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



50.2630, 0.2779, 0.3197



50.2630, 0.2812, 0.2992



50.2630, 0.3488, 0.3365



50.2630, 0.3448, 0.3588

Sweetspot

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



50.2650, 0.2779, 0.3197



95.0907, 0.3018, 0.3264



51.7844, 0.3054, 0.3849



20.2660, 0.3009, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.2650, 0.2779, 0.3197



82.3015, 0.2707, 0.3174



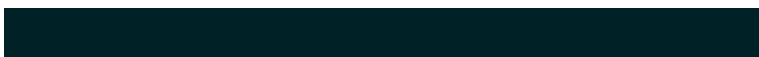
40.8235, 0.2754, 0.2885



12.4320, 0.2983, 0.3255



21.8338, 0.2116, 0.2816



1.2055, 0.2144, 0.2917

Inverse Universe

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



39.9372, 0.3216, 0.2797



61.9308, 0.3240, 0.2686



49.5168, 0.3520, 0.3664



11.3740, 0.3160, 0.3095



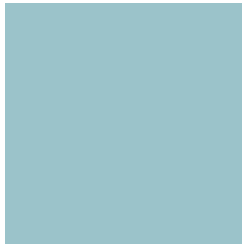
10.0071, 0.3620, 0.1768



0.5242, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 50.2630, 0.2779, 0.3197 looks on a white background.

Color Contrast Check

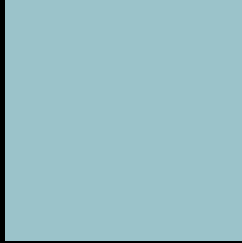
Large Text (above 18pt) WCAG AA × Fail

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 50.2630, 0.2779, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

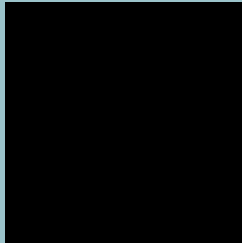
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

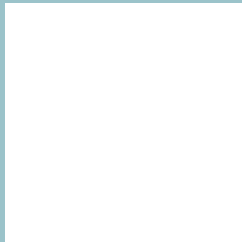
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2630, 0.2779, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 50.2630, 0.2779, 0.3197.



This preview shows how white text looks on a background with the Yxy color 50.2630, 0.2779, 0.3197.

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

50.2630, 0.2779, 0.3197

Protanopia

49.8404, 0.3060, 0.3152

Deuteranopia

49.8694, 0.3082, 0.3011



Tritanopia

50.3551, 0.2747, 0.3094

Trichromacy



Original Color

50.2630, 0.2779, 0.3197

Protanomaly

49.7488, 0.2950, 0.3162

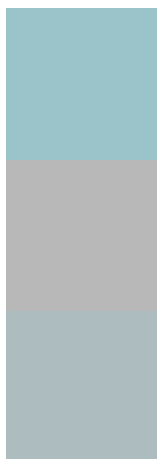
Deuteranomaly

49.8454, 0.2960, 0.3076

Tritanomaly

50.1077, 0.2759, 0.3132

Monochromacy



Original Color

50.2630, 0.2779, 0.3197

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6123, 0.2984, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2630, 0.2779, 0.3197 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(155, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 202)  
}
```

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(155, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 202) }
```

Border

The CSS property to change the border of an element to Yxy 50.2630, 0.2779, 0.3197 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(155, 195, 202) }
```

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

```
.border{ border-color:rgb(155, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 195,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2630, 0.2779, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 202) }
```

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

```
.background{ background-color: rgb(155,  
195, 202) }
```

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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