

Converting Colors

$Yxy(51.2686, 0.2779, 0.3230)$

Have a look what the booklet for
Yxy(51.2686, 0.2779, 0.3230)
contains.

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Color

Yxy(51.1653, 0.2781, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	9BC5CA
RGB	155, 197, 202
RGB Percent	61%, 77%, 79%
CMY	0.3921, 0.2275, 0.2078
CMYK	0.23, 0.02, 0.00, 0.21
HSL	186°, 31%, 70%
HSV	186°, 23%, 79%
XYZ	44.1485, 51.1653, 63.4367
YIQ	185.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

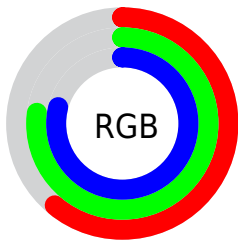
Format	Color
RYB	155, 177, 202
Decimal	10208714
CIELab	76.78, -12.69, -7.08
CIELCh	77, 14.526, 209.158
Yxy	51.1653, 0.2781, 0.3223
Android (android.graphics.Color)	4288398794 (0xFF9BC5CA)
YUV	185.0120, 8.3751, -26.3205
Hunter-Lab	71.5299, -15.0065, -2.5107

Details

The Yxy color **51.1653, 0.2781, 0.3223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0817, 0.3588, 0.3356**, and the grayscale version is **48.4898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8053, 0.2860, 0.3279**, and **24.6666, 0.2692, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **48.3597, 0.2646, 0.3191**, and if you desaturate by 10%, it is **54.3235, 0.2926, 0.3253**.

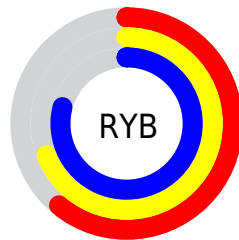
Distribution



Red (61%)

Green (77%)

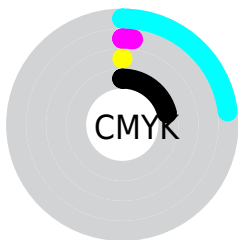
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

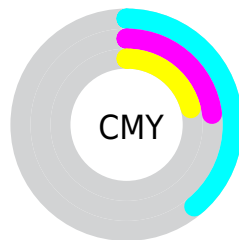


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (39%)


Magenta (23%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1653, 0.2781, 0.3223 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 51.1653, 0.2781, 0.3223 by changing the saturation by 10% instead.


 51.1653, 0.2781,
0.3223

 51.1653, 0.2781,
0.3223


391.2057, 0.2950,
0.3258

 36.3402, 0.2740,
0.3214


 91.8991, 0.2841,
0.3236

 24.6970, 0.2689,
0.3202


 118.5765, 0.2864,
0.3241

 15.8515, 0.2621,
0.3185


149.9735, 0.2884,
0.3245

 9.4191, 0.2530,
0.3161

186.4744, 0.2901,
0.3248

 5.0156, 0.2398,
0.3124

228.4637, 0.2915,
0.3251

 2.2564, 0.2193,
0.3060

276.3258, 0.2928,

 0.7505, 0.1608,

0.3254

0.2991

330.4450, 0.2939,
0.3256

0.0000, 0.0000,
0.0000

51.1653, 0.2781,
0.3223

51.1653, 0.2781,
0.3223

48.3597, 0.2646,
0.3191

54.3235, 0.2926,
0.3253

45.8838, 0.2523,
0.3156

57.8435, 0.3077,
0.3281

43.7215, 0.2416,
0.3120

61.7420, 0.3232,
0.3307

41.8529, 0.2326,
0.3084

66.0328, 0.3388,
0.3330

40.2558, 0.2254,
0.3047

70.5333, 0.3534,
0.3350

■ 38.9044, 0.2202,
0.3010

■ 71.5913, 0.3530,
0.3372

■ 37.7678, 0.2168,
0.2973

■ 72.6636, 0.3526,
0.3394

■ 37.0857, 0.2152,
0.2948

■ 73.7504, 0.3521,
0.3416

■ 74.8516, 0.3517,
0.3438

Harmonies

Analogous

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



51.1653, 0.2898, 0.3407



51.1653, 0.2781, 0.3223



51.1653, 0.2754, 0.3065

Triad

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



51.1653, 0.2781, 0.3223



51.1653, 0.3167, 0.3039



51.1653, 0.3436, 0.3610

Complementary

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



51.1653, 0.2781, 0.3223



40.0817, 0.3588, 0.3356

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.



51.1653, 0.3515, 0.3499



51.1653, 0.2781, 0.3223



51.1653, 0.3357, 0.3174

Square

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



51.1653, 0.2781, 0.3223



51.1653, 0.2972, 0.2967



51.1653, 0.3486, 0.3340



51.1653, 0.3275, 0.3635

Rectangle

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



51.1653, 0.2781, 0.3223



51.1653, 0.2789, 0.2996



51.1653, 0.3486, 0.3340



51.1653, 0.3474, 0.3581

Sweetspot

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



51.1674, 0.2781, 0.3223



95.5599, 0.3018, 0.3271



51.7484, 0.3065, 0.3871



20.3750, 0.3009, 0.3269



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.



51.1674, 0.2781, 0.3223



84.1113, 0.2710, 0.3207



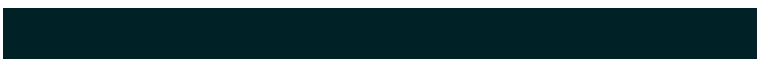
41.4379, 0.2756, 0.2907



12.5143, 0.2983, 0.3265



23.9382, 0.2154, 0.2953



1.2950, 0.2174, 0.3025

Inverse Universe

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



40.0394, 0.3199, 0.2774



62.1135, 0.3217, 0.2659



48.8837, 0.3524, 0.3645



11.3823, 0.3154, 0.3086



10.2196, 0.3495, 0.1699



0.5333, 0.3432, 0.1665

Previews

White Background



This preview shows how the Yxy color 51.1653, 0.2781, 0.3223 looks on a white background.

Color Contrast Check

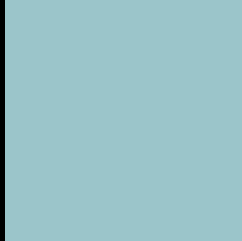
Large Text (above 18pt) WCAG AA × Fail

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 51.1653, 0.2781, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

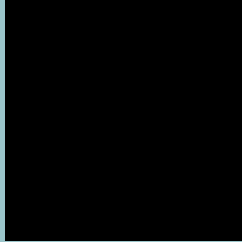
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

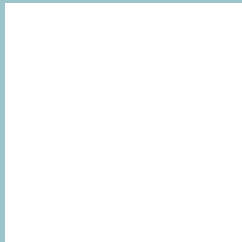
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1653, 0.2781, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 51.1653, 0.2781, 0.3223.



This preview shows how white text looks on a background with the Yxy color 51.1653, 0.2781, 0.3223.

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

51.1653, 0.2781, 0.3223

Protanopia

50.9448, 0.3075, 0.3178

Deuteranopia

50.9681, 0.3098, 0.3037



Tritanopia

51.3511, 0.2737, 0.3095

Trichromacy



Original Color

51.1653, 0.2781, 0.3223

Protanomaly

50.7322, 0.2958, 0.3188

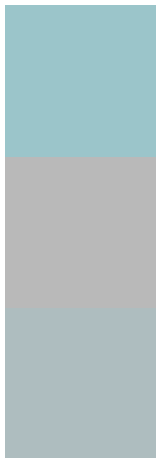
Deuteranomaly

50.9452, 0.2976, 0.3103

Tritanomaly

51.1018, 0.2749, 0.3133

Monochromacy



Original Color

51.1653, 0.2781, 0.3223

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.1555, 0.2992, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1653, 0.2781, 0.3223 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, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 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, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.1653, 0.2781, 0.3223 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, 197, 202) }
```

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

```
.border{ border-color:rgb(155, 197, 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, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 197,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1653, 0.2781, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 202) }
```

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

```
.background{ background-color: rgb(155,  
197, 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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