

Converting Colors

$Y_{xy}(52.0819, 0.2783, 0.3250)$

Have a look what the booklet for
Yxy(52.0819, 0.2783, 0.3250)
contains.

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Color

Yxy(52.0797, 0.2783, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	9BC7CA
RGB	155, 199, 202
RGB Percent	61%, 78%, 79%
CMY	0.3923, 0.2196, 0.2079
CMYK	0.23, 0.01, 0.00, 0.21
HSL	184°, 31%, 70%
HSV	184°, 23%, 79%
XYZ	44.5962, 52.0797, 63.5693
YIQ	186.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

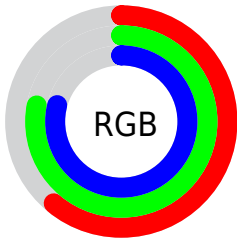
Format	Color
RYB	155, 178, 202
Decimal	10209226
CIELab	77.33, -13.75, -6.25
CIELCh	77, 15.101, 204.433
Yxy	52.0797, 0.2783, 0.3250
Android (android.graphics.Color)	4288399306 (0xFF9BC7CA)
YUV	186.1860, 7.7963, -27.3501
Hunter-Lab	72.1663, -15.9842, -1.7105

Details

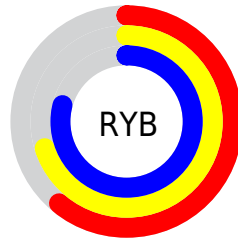
The Yxy color **52.0797, 0.2783, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3565, 0.3594, 0.3330**, and the grayscale version is **49.1773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **25.2137, 0.2688, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **49.6625, 0.2651, 0.3231**, and if you desaturate by 10%, it is **54.8404, 0.2926, 0.3268**.

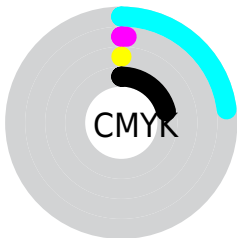
Distribution



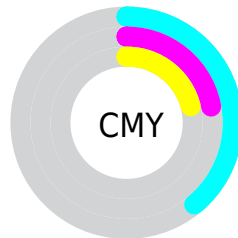
- Red (61%)
- Green (78%)
- Blue (79%)



- Red (61%)
- Yellow (70%)
- Blue (79%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)




- Cyan (39%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0797, 0.2783, 0.3250 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 52.0797, 0.2783, 0.3250 by changing the saturation by 10% instead.


 52.0797, 0.2783,
0.3250


 52.0797, 0.2783,
0.3250


394.7442, 0.2950,
0.3272

 37.0686, 0.2743,
0.3244


 93.2488, 0.2843,
0.3258

 25.2606, 0.2692,
0.3236


 120.1755, 0.2865,
0.3261

 16.2713, 0.2625,
0.3225


151.8430, 0.2885,
0.3264

 9.7164, 0.2535,
0.3209

188.6355, 0.2901,
0.3266

 5.2113, 0.2406,
0.3184

230.9375, 0.2916,
0.3268

 2.3718, 0.2206,
0.3138

279.1333, 0.2929,

 0.8113, 0.1667,

0.3269

0.3106

333.6075, 0.2940,
0.3271

0.0000, 0.0000,
0.0000

52.0797, 0.2783,
0.3250

52.0797, 0.2783,
0.3250

49.6625, 0.2651,
0.3231

54.8404, 0.2926,
0.3268

47.5657, 0.2532,
0.3211

57.9535, 0.3077,
0.3285

45.7734, 0.2430,
0.3190

61.4359, 0.3232,
0.3300

44.2658, 0.2345,
0.3168

65.3011, 0.3390,
0.3314

43.0205, 0.2280,
0.3147

69.3782, 0.3540,
0.3326

■ 42.0120, 0.2233,
0.3125

■ 69.9937, 0.3537,
0.3339

■ 41.2094, 0.2204,
0.3104

■ 70.6141, 0.3534,
0.3352

■ 40.7480, 0.2192,
0.3090

■ 71.2396, 0.3532,
0.3366

■ 71.8701, 0.3529,
0.3379

Harmonies

Analogous

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



52.0797, 0.2916, 0.3440



52.0797, 0.2783, 0.3250



52.0797, 0.2739, 0.3080

Triad

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



52.0797, 0.2783, 0.3250



52.0797, 0.3136, 0.3015



52.0797, 0.3466, 0.3607

Complementary

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



52.0797, 0.2783, 0.3250



39.3565, 0.3594, 0.3330

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.



52.0797, 0.3531, 0.3482



52.0797, 0.2783, 0.3250



52.0797, 0.3337, 0.3145

Square

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



52.0797, 0.2783, 0.3250



52.0797, 0.2938, 0.2952



52.0797, 0.3483, 0.3313



52.0797, 0.3310, 0.3650

Rectangle

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



52.0797, 0.2783, 0.3250



52.0797, 0.2766, 0.3000



52.0797, 0.3483, 0.3313



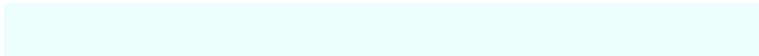
52.0797, 0.3500, 0.3573

Sweetspot

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



52.0818, 0.2783, 0.3250



96.0520, 0.3018, 0.3279



51.6458, 0.3081, 0.3905



20.4893, 0.3009, 0.3278



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.



52.0818, 0.2783, 0.3250



86.0328, 0.2714, 0.3240



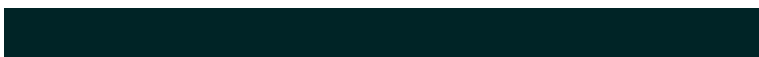
42.3312, 0.2759, 0.2940



12.6007, 0.2984, 0.3275



26.2747, 0.2193, 0.3093



1.3931, 0.2204, 0.3134

Inverse Universe

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



40.1129, 0.3180, 0.2751



62.3075, 0.3194, 0.2631



47.8992, 0.3531, 0.3617



11.3910, 0.3147, 0.3076



10.4554, 0.3373, 0.1632



0.5432, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 52.0797, 0.2783, 0.3250 looks on a white background.

Color Contrast Check

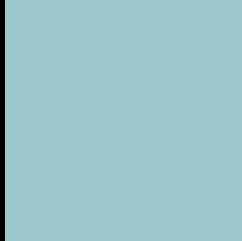
Large Text (above 18pt) WCAG AA × Fail

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 52.0797, 0.2783, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

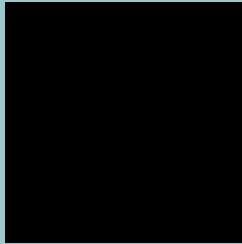
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

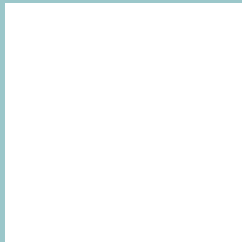
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0797, 0.2783, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 52.0797, 0.2783, 0.3250.

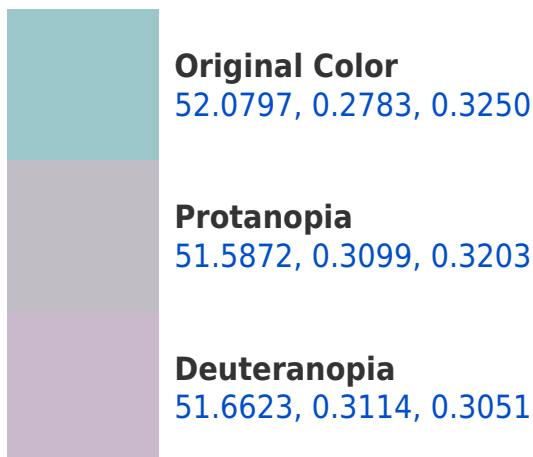


This preview shows how white text looks on a background with the Yxy color 52.0797, 0.2783, 0.3250.

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

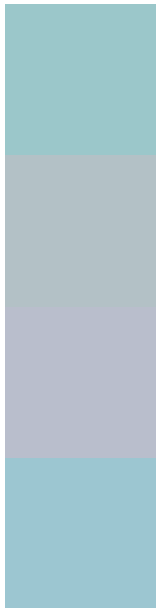




Tritanopia

51.9047, 0.2726, 0.3083

Trichromacy



Original Color

52.0797, 0.2783, 0.3250

Protanomaly

51.8009, 0.2980, 0.3226

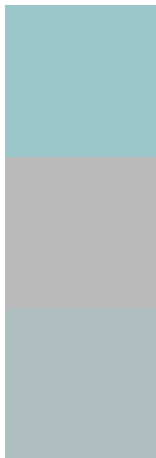
Deuteranomaly

51.5008, 0.2984, 0.3116

Tritanomaly

52.0595, 0.2745, 0.3147

Monochromacy



Original Color

52.0797, 0.2783, 0.3250

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1813, 0.2992, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0797, 0.2783, 0.3250 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, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 199, 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, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 199, 202) }
```

Border

The CSS property to change the border of an element to Yxy 52.0797, 0.2783, 0.3250 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, 199, 202) }
```

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

```
.border{ border-color:rgb(155, 199, 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, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 199,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0797, 0.2783, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 199, 202) }
```

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

```
.background{ background-color: rgb(155,  
199, 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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