

Converting Colors

$Yxy(52.8403, 0.2682, 0.3151)$

Have a look what the booklet for
Yxy(52.8403, 0.2682, 0.3151)
contains.

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Color

Yxy(52.8227, 0.2679, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	94C9D4
RGB	148, 201, 212
RGB Percent	58%, 79%, 83%
CMY	0.4196, 0.2117, 0.1687
CMYK	0.30, 0.05, 0.00, 0.17
HSL	190°, 43%, 71%
HSV	190°, 30%, 83%
XYZ	44.9816, 52.8227, 70.1001
YIQ	186.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

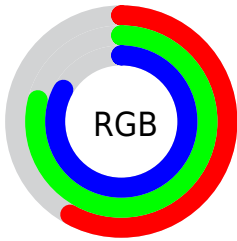
Format	Color
RYB	148, 177, 212
Decimal	9750996
CIELab	77.77, -14.54, -11.02
CIElCh	78, 18.244, 217.173
Yxy	52.8227, 0.2679, 0.3146
Android (android.graphics.Color)	4287941076 (0xFF94C9D4)
YUV	186.4070, 12.6173, -33.6829
Hunter-Lab	72.6792, -16.7140, -6.3105

Details

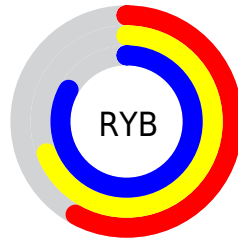
The Yxy color **52.8227, 0.2679, 0.3146** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9232, 0.3761, 0.3428**, and the grayscale version is **49.2867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **25.7347, 0.2568, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **49.3497, 0.2546, 0.3091**, and if you desaturate by 10%, it is **56.7020, 0.2822, 0.3198**.

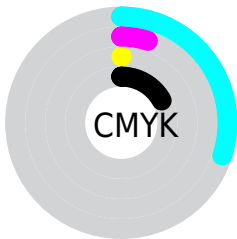
Distribution



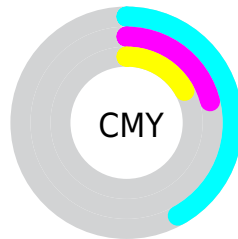
- Red (58%)
- Green (79%)
- Blue (83%)



- Red (58%)
- Yellow (69%)
- Blue (83%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8227, 0.2679, 0.3146 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 52.8227, 0.2679, 0.3146 by changing the saturation by 10% instead.

■ 52.8227, 0.2679,
0.3146

■ 52.8227, 0.2679,
0.3146

■ 397.6045, 0.2895,
0.3220

■ 37.6613, 0.2627,
0.3127

■ 94.3434, 0.2756,
0.3173

■ 25.7199, 0.2563,
0.3103

■ 121.4715, 0.2785,
0.3183

■ 16.6142, 0.2479,
0.3070

■ 153.3572, 0.2810,
0.3192

■ 9.9598, 0.2366,
0.3023

■ 190.3850, 0.2832,
0.3199

■ 5.3723, 0.2207,
0.2953

■ 232.9392, 0.2851,
0.3205

■ 2.4673, 0.1967,
0.2837

■ 281.4043, 0.2867,

■ 0.8602, 0.1429,

0.3211

0.2657

336.1646, 0.2882,
0.3216

0.0000, 0.0000,
0.0000

52.8227, 0.2679,
0.3146

52.8227, 0.2679,
0.3146

49.3497, 0.2546,
0.3091

56.7020, 0.2822,
0.3198

46.2567, 0.2427,
0.3033

61.0000, 0.2971,
0.3246

43.5239, 0.2323,
0.2973

65.7359, 0.3124,
0.3289

41.1268, 0.2237,
0.2911

70.9261, 0.3279,
0.3329

39.0375, 0.2170,
0.2849

76.5860, 0.3432,
0.3364

■ 37.2231, 0.2123,
0.2788

■ 78.6966, 0.3433,
0.3400

■ 35.6506, 0.2091,
0.2728

■ 80.6592, 0.3427,
0.3437

■ 82.6638, 0.3421,
0.3473

■ 84.7107, 0.3415,
0.3508

Harmonies

Analogous

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



52.8227, 0.2795, 0.3374



52.8227, 0.2679, 0.3146



52.8227, 0.2678, 0.2970

Triad

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



52.8227, 0.2679, 0.3146



52.8227, 0.3243, 0.3019



52.8227, 0.3465, 0.3708

Complementary

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



52.8227, 0.2679, 0.3146



40.9232, 0.3761, 0.3428

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.



52.8227, 0.3596, 0.3591



52.8227, 0.2679, 0.3146



52.8227, 0.3466, 0.3198

Square

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



52.8227, 0.2679, 0.3146



52.8227, 0.2995, 0.2907



52.8227, 0.3597, 0.3404



52.8227, 0.3245, 0.3710

Rectangle

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



52.8227, 0.2679, 0.3146



52.8227, 0.2741, 0.2903



52.8227, 0.3597, 0.3404



52.8227, 0.3521, 0.3680

Sweetspot

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



52.8248, 0.2679, 0.3146



93.4174, 0.2988, 0.3251



55.8665, 0.3019, 0.4017



19.7786, 0.2965, 0.3244



0.0000, 0.0000, 0.0000



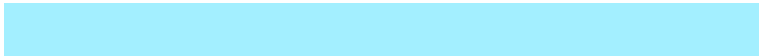
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8248, 0.2679, 0.3146



76.9064, 0.2595, 0.3112



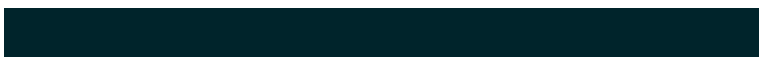
39.5484, 0.2630, 0.2713



13.7283, 0.2983, 0.3249



22.1425, 0.2094, 0.2736



1.4334, 0.2123, 0.2842

Inverse Universe

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



39.3934, 0.3262, 0.2662



53.7722, 0.3297, 0.2533



53.2450, 0.3649, 0.3806



12.5944, 0.3164, 0.3099



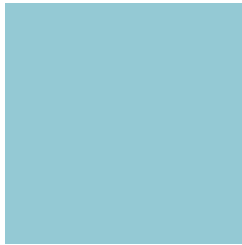
10.5801, 0.3694, 0.1809



0.6480, 0.3596, 0.1755

Previews

White Background



This preview shows how the Yxy color 52.8227, 0.2679, 0.3146 looks on a white background.

Color Contrast Check

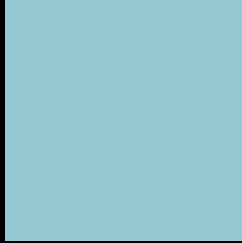
Large Text (above 18pt) WCAG AA × Fail

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 52.8227, 0.2679, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

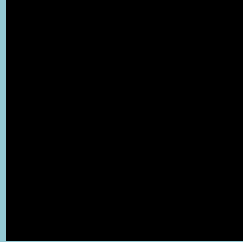
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

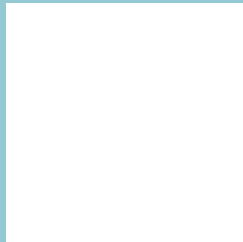
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8227, 0.2679, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 52.8227, 0.2679, 0.3146.

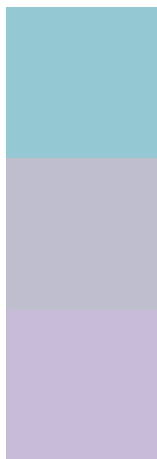


This preview shows how white text looks on a background with the Yxy color 52.8227, 0.2679, 0.3146.

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

52.8227, 0.2679, 0.3146

Protanopia

52.3111, 0.3024, 0.3106

Deuteranopia

52.5891, 0.3014, 0.2958



Tritanopia

52.6560, 0.2660, 0.3082

Trichromacy



Original Color

52.8227, 0.2679, 0.3146

Protanomaly

52.2516, 0.2881, 0.3114

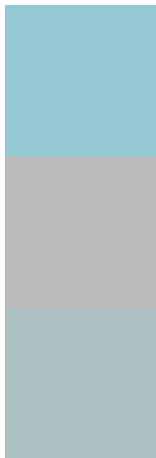
Deuteranomaly

52.2576, 0.2877, 0.3018

Tritanomaly

52.6044, 0.2666, 0.3095

Monochromacy



Original Color

52.8227, 0.2679, 0.3146

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9724, 0.2948, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8227, 0.2679, 0.3146 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(148, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 201, 212)  
}
```

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(148, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 201, 212) }
```

Border

The CSS property to change the border of an element to Yxy 52.8227, 0.2679, 0.3146 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(148, 201, 212) }
```

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

```
.border{ border-color:rgb(148, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 201,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8227, 0.2679, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 201, 212) }
```

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

```
.background{ background-color: rgb(148,  
201, 212) }
```

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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