

Converting Colors

$Y_{xy}(49.9252, 0.2723, 0.3186)$

Have a look what the booklet for
Yxy(49.9252, 0.2723, 0.3186)
contains.

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Color

Yxy(50.0876, 0.2726, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	94C4CB
RGB	148, 196, 203
RGB Percent	58%, 77%, 80%
CMY	0.4199, 0.2313, 0.2040
CMYK	0.27, 0.03, 0.00, 0.20
HSL	188°, 35%, 69%
HSV	188°, 27%, 80%
XYZ	42.7218, 50.0876, 63.9103
YIQ	182.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

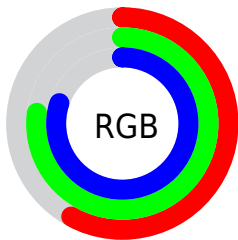
Format	Color
R_{YB}	148, 174, 203
Decimal	9749707
CIE _{Lab}	76.12, -14.07, -8.62
CIE _{LCh}	76, 16.506, 211.494
Yxy	50.0876, 0.2726, 0.3196
Android (android.graphics.Color)	4287939787 (0xFF94C4CB)
YUV	182.4460, 10.1331, -30.2091
Hunter-Lab	70.7726, -16.1008, -4.0003

Details

The Yxy color **50.0876, 0.2726, 0.3196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2421, 0.3685, 0.3382**, and the grayscale version is **46.9849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1671, 0.2820, 0.3268**, and **23.9488, 0.2615, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **47.2109, 0.2594, 0.3156**, and if you desaturate by 10%, it is **53.3201, 0.2868, 0.3233**.

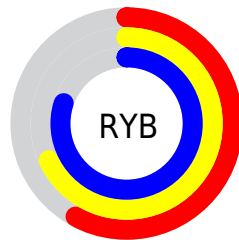
Distribution



Red (58%)

Green (77%)

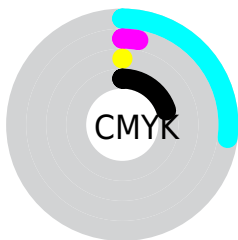
Blue (80%)



Red (58%)

Yellow (68%)

Blue (80%)

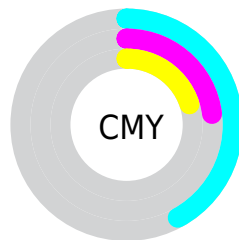


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (42%)


Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0876, 0.2726, 0.3196 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 50.0876, 0.2726, 0.3196 by changing the saturation by 10% instead.


 50.0876, 0.2726,
0.3196


 50.0876, 0.2726,
0.3196


387.0084, 0.2922,
0.3245

 35.4830, 0.2679,
0.3183


 90.3047, 0.2796,
0.3214

 24.0352, 0.2619,
0.3166


 116.6859, 0.2823,
0.3221

 15.3597, 0.2540,
0.3143


147.7615, 0.2845,
0.3227

 9.0722, 0.2434,
0.3109

183.9158, 0.2865,
0.3232

 4.7883, 0.2281,
0.3057

225.5333, 0.2882,
0.3236

 2.1236, 0.2045,
0.2968

272.9983, 0.2897,

 0.6779, 0.1268,

0.3239

0.2859

326.6952, 0.2910,
0.3243

0.0000, 0.0000,
0.0000

50.0876, 0.2726,
0.3196

50.0876, 0.2726,
0.3196

47.2109, 0.2594,
0.3156

53.3201, 0.2868,
0.3233

44.6665, 0.2475,
0.3115

56.9185, 0.3018,
0.3267

42.4374, 0.2371,
0.3072

60.8999, 0.3172,
0.3299

40.5026, 0.2286,
0.3027

65.2786, 0.3327,
0.3327

38.8383, 0.2219,
0.2983

70.0681, 0.3481,
0.3352

■ 37.4166, 0.2172,
0.2939

■ 72.3803, 0.3520,
0.3378

■ 36.2001, 0.2141,
0.2895

■ 73.6713, 0.3514,
0.3404

■ 35.8690, 0.2134,
0.2882

■ 74.9829, 0.3509,
0.3430

■ 76.3151, 0.3504,
0.3455

Harmonies

Analogous

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



50.0876, 0.2852, 0.3408



50.0876, 0.2726, 0.3196



50.0876, 0.2704, 0.3021

Triad

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



50.0876, 0.2726, 0.3196



50.0876, 0.3191, 0.3014



50.0876, 0.3469, 0.3662

Complementary

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



50.0876, 0.2726, 0.3196



38.2421, 0.3685, 0.3382

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.



50.0876, 0.3569, 0.3540



50.0876, 0.2726, 0.3196



50.0876, 0.3405, 0.3171

Square

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



50.0876, 0.2726, 0.3196



50.0876, 0.2966, 0.2925



50.0876, 0.3545, 0.3360



50.0876, 0.3279, 0.3684

Rectangle

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



50.0876, 0.2726, 0.3196



50.0876, 0.2750, 0.2947



50.0876, 0.3545, 0.3360



50.0876, 0.3515, 0.3630

Sweetspot

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



50.0896, 0.2726, 0.3196



94.6970, 0.3003, 0.3264



51.3426, 0.3048, 0.3970



20.0657, 0.2980, 0.3259



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.



50.0896, 0.2726, 0.3196



80.7696, 0.2641, 0.3171



38.9911, 0.2689, 0.2821



12.4752, 0.2983, 0.3260



22.9217, 0.2136, 0.2888



1.2520, 0.2160, 0.2974

Inverse Universe

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



37.8402, 0.3223, 0.2700



56.8817, 0.3249, 0.2561



48.2404, 0.3597, 0.3718



11.3783, 0.3157, 0.3090



10.1170, 0.3554, 0.1731



0.5289, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 50.0876, 0.2726, 0.3196 looks on a white background.

Color Contrast Check

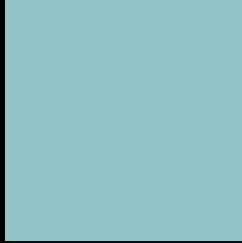
Large Text (above 18pt) WCAG AA × Fail

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 50.0876, 0.2726, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

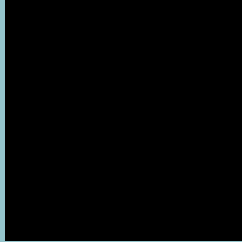
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

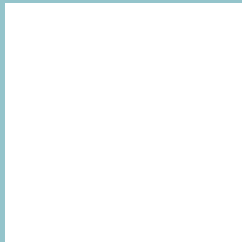
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0876, 0.2726, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 50.0876, 0.2726, 0.3196.

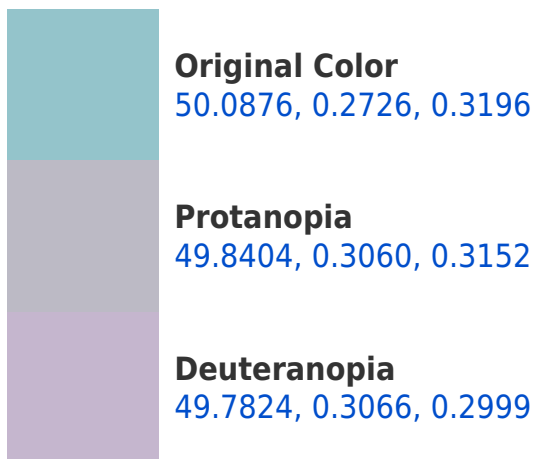


This preview shows how white text looks on a background with the Yxy color 50.0876, 0.2726, 0.3196.

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

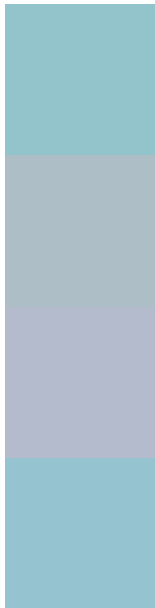




Tritanopia

50.1674, 0.2695, 0.3092

Trichromacy



Original Color

50.0876, 0.2726, 0.3196

Protanomaly

49.8347, 0.2927, 0.3174

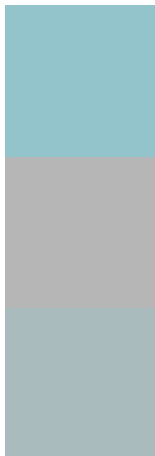
Deuteranomaly

49.5321, 0.2930, 0.3063

Tritanomaly

49.9248, 0.2707, 0.3130

Monochromacy



Original Color

50.0876, 0.2726, 0.3196

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.8044, 0.2967, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0876, 0.2726, 0.3196 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, 196, 203)` looks like.

```
.text, #text, p{  
    color:rgb(148, 196, 203)  
}
```

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, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 196, 203) }
```

Border

The CSS property to change the border of an element to Yxy 50.0876, 0.2726, 0.3196 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, 196, 203) }
```

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

```
.border{ border-color:rgb(148, 196, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(148, 196,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0876, 0.2726, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 196, 203) }
```

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

```
.background{ background-color: rgb(148,  
196, 203) }
```

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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