

Converting Colors

$Y_{xy}(54.1948, 0.2720, 0.3212)$

Have a look what the booklet for
Yxy(54.1948, 0.2720, 0.3212)
contains.

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Color

Yxy(53.9907, 0.2725, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	98CBD1
RGB	152, 203, 209
RGB Percent	60%, 80%, 82%
CMY	0.4038, 0.2039, 0.1804
CMYK	0.27, 0.03, 0.00, 0.18
HSL	186°, 38%, 71%
HSV	186°, 27%, 82%
XYZ	45.8190, 53.9907, 68.3333
YIQ	188.4350, -32.3220, -8.9460

Conversions

Conversions Part 2

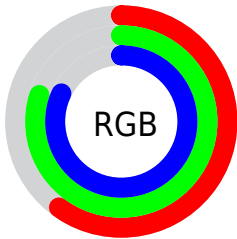
Format	Color
RYB	152, 179, 209
Decimal	10013649
CIELab	78.46, -15.09, -8.38
CIELCh	78, 17.261, 209.035
Yxy	53.9907, 0.2725, 0.3211
Android (android.graphics.Color)	4288203729 (0xFF98CBD1)
YUV	188.4350, 10.1385, -31.9535
Hunter-Lab	73.4784, -17.2798, -3.7036

Details

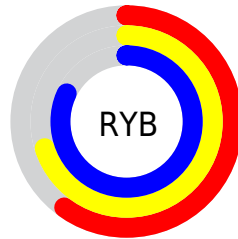
The Yxy color **53.9907, 0.2725, 0.3211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2957, 0.3694, 0.3367**, and the grayscale version is **50.5098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.5141, 0.2618, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **51.1155, 0.2594, 0.3178**, and if you desaturate by 10%, it is **57.2405, 0.2866, 0.3242**.

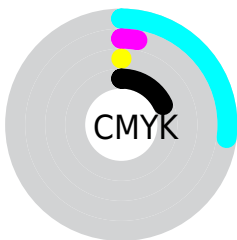
Distribution



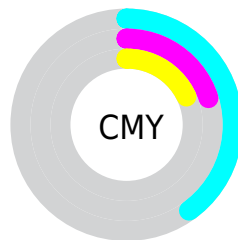
- Red (60%)
- Green (80%)
- Blue (82%)



- Red (60%)
- Yellow (70%)
- Blue (82%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)




- Cyan (40%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9907, 0.2725, 0.3211 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 53.9907, 0.2725, 0.3211 by changing the saturation by 10% instead.

 53.9907, 0.2725,
0.3211

 53.9907, 0.2725,
0.3211


402.0745, 0.2919,
0.3253

 38.5942, 0.2679,
0.3200

 96.0606, 0.2794,
0.3226

 26.4442, 0.2621,
0.3186


 123.5028, 0.2820,
0.3232

 17.1562, 0.2545,
0.3167


155.7290, 0.2842,
0.3237

 10.3460, 0.2444,
0.3139

193.1237, 0.2862,
0.3241

 5.6289, 0.2301,
0.3097

236.0712, 0.2879,
0.3244

 2.6208, 0.2084,
0.3024

284.9559, 0.2894,

 0.9371, 0.1621,

0.3248

0.2914

340.1622, 0.2907,
0.3250

0.0000, 0.0000,
0.0000

53.9907, 0.2725,
0.3211

53.9907, 0.2725,
0.3211

51.1155, 0.2594,
0.3178

57.2405, 0.2866,
0.3242

48.5896, 0.2478,
0.3143

60.8756, 0.3016,
0.3271

46.3948, 0.2377,
0.3108

64.9146, 0.3170,
0.3297

44.5085, 0.2295,
0.3071

69.3726, 0.3326,
0.3321

42.9051, 0.2231,
0.3034

73.9705, 0.3470,
0.3342

■ 41.5547, 0.2187,
0.2998

■ 75.0950, 0.3466,
0.3364

■ 40.4168, 0.2160,
0.2962

■ 76.2346, 0.3462,
0.3387

■ 40.1228, 0.2153,
0.2952

■ 77.3895, 0.3458,
0.3409

■ 78.5597, 0.3454,
0.3431

Harmonies

Analogous

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



53.9907, 0.2861, 0.3427



53.9907, 0.2725, 0.3211



53.9907, 0.2693, 0.3027

Triad

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



53.9907, 0.2725, 0.3211



53.9907, 0.3172, 0.2999



53.9907, 0.3488, 0.3662

Complementary

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



53.9907, 0.2725, 0.3211



40.2957, 0.3694, 0.3367

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.



53.9907, 0.3580, 0.3531



53.9907, 0.2725, 0.3211



53.9907, 0.3395, 0.3153

Square

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



53.9907, 0.2725, 0.3211



53.9907, 0.2945, 0.2915



53.9907, 0.3546, 0.3345



53.9907, 0.3300, 0.3695

Rectangle

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



53.9907, 0.2725, 0.3211



53.9907, 0.2734, 0.2947



53.9907, 0.3546, 0.3345



53.9907, 0.3532, 0.3627

Sweetspot

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



53.9929, 0.2725, 0.3211



94.9680, 0.3003, 0.3268



54.7440, 0.3054, 0.3989



20.1345, 0.2980, 0.3264



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.



53.9929, 0.2725, 0.3211



81.8444, 0.2644, 0.3191



41.8750, 0.2687, 0.2830



13.1850, 0.2983, 0.3265



24.8225, 0.2155, 0.2957



1.4505, 0.2173, 0.3023

Inverse Universe

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



40.3366, 0.3212, 0.2682



56.9902, 0.3235, 0.2546



51.0356, 0.3604, 0.3710



11.9867, 0.3154, 0.3085



10.5771, 0.3492, 0.1697



0.5977, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 53.9907, 0.2725, 0.3211 looks on a white background.

Color Contrast Check

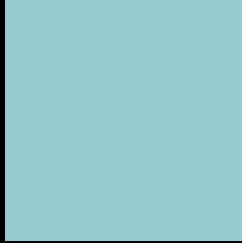
Large Text (above 18pt) WCAG AA × Fail

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 53.9907, 0.2725, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

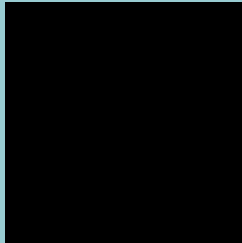
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

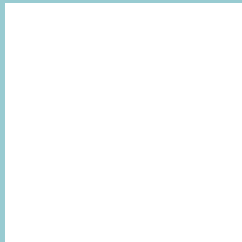
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9907, 0.2725, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 53.9907, 0.2725, 0.3211.



This preview shows how white text looks on a background with the Yxy color 53.9907, 0.2725, 0.3211.

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

53.9907, 0.2725, 0.3211

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

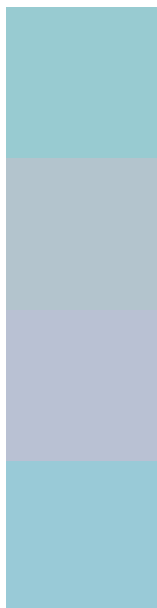
53.5573, 0.3076, 0.3008



Tritanopia

54.1730, 0.2683, 0.3085

Trichromacy



Original Color

53.9907, 0.2725, 0.3211

Protanomaly

53.4713, 0.2932, 0.3177

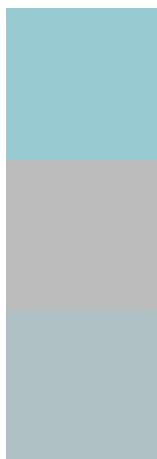
Deuteranomaly

53.1574, 0.2935, 0.3069

Tritanomaly

53.9197, 0.2694, 0.3122

Monochromacy



Original Color

53.9907, 0.2725, 0.3211

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2394, 0.2964, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9907, 0.2725, 0.3211 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(152, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(152, 203, 209)  
}
```

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(152, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 203, 209) }
```

Border

The CSS property to change the border of an element to Yxy 53.9907, 0.2725, 0.3211 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(152, 203, 209) }
```

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

```
.border{ border-color:rgb(152, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(152, 203,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9907, 0.2725, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 203, 209) }
```

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

```
.background{ background-color: rgb(152,  
203, 209) }
```

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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