

Converting Colors

$Y_{xy}(53.2959, 0.2748, 0.3198)$

Have a look what the booklet for
Yxy(53.2959, 0.2748, 0.3198)
contains.

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Color

Yxy(53.2959, 0.2748, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	9BC9D0
RGB	155, 201, 208
RGB Percent	61%, 79%, 82%
CMY	0.3920, 0.2118, 0.1842
CMYK	0.25, 0.03, 0.00, 0.18
HSL	188°, 36%, 71%
HSV	188°, 25%, 82%
XYZ	45.7965, 53.2959, 67.5615
YIQ	188.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

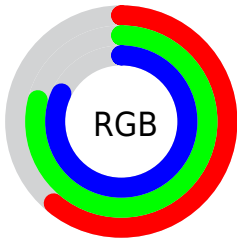
Format	Color
RYB	155, 180, 208
Decimal	10209744
CIELab	78.05, -13.40, -8.43
CIELCh	78, 15.833, 212.176
Yxy	53.2959, 0.2748, 0.3198
Android (android.graphics.Color)	4288399824 (0xFF9BC9D0)
YUV	188.0440, 9.8383, -28.9796
Hunter-Lab	73.0040, -15.7815, -3.7670

Details

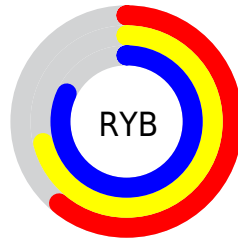
The Yxy color **53.2959, 0.2748, 0.3198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6449, 0.3642, 0.3380**, and the grayscale version is **50.2769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **26.0253, 0.2645, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **50.1385, 0.2613, 0.3157**, and if you desaturate by 10%, it is **56.8353, 0.2892, 0.3236**.

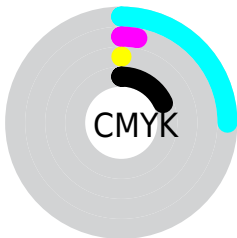
Distribution



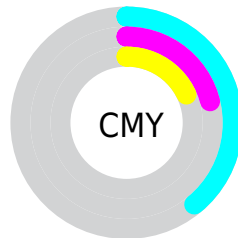
- Red (61%)
- Green (79%)
- Blue (82%)



- Red (61%)
- Yellow (71%)
- Blue (82%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)





- Cyan (39%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2959, 0.2748, 0.3198 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 53.2959, 0.2748, 0.3198 by changing the saturation by 10% instead.


 53.2959, 0.2748,
0.3198


 53.2959, 0.2748,
0.3198

399.4193, 0.2931,
0.3246

 38.0390, 0.2704,
0.3186


 95.0396, 0.2813,
0.3216

 26.0130, 0.2649,
0.3170


 122.2953, 0.2838,
0.3222

 16.8334, 0.2577,
0.3148


154.3194, 0.2859,
0.3228

 10.1158, 0.2481,
0.3118

191.4962, 0.2878,
0.3232

 5.4758, 0.2343,
0.3071

234.2102, 0.2894,
0.3236

 2.5290, 0.2134,
0.2992

282.8458, 0.2908,

 0.8911, 0.1676,

0.3240

0.2873

337.7874, 0.2920,
0.3243

0.0000, 0.0000,
0.0000

53.2959, 0.2748,
0.3198

53.2959, 0.2748,
0.3198

50.1385, 0.2613,
0.3157

56.8353, 0.2892,
0.3236

47.3383, 0.2491,
0.3113

60.7672, 0.3043,
0.3272

44.8777, 0.2384,
0.3068

65.1097, 0.3197,
0.3304

42.7345, 0.2295,
0.3022

69.8778, 0.3353,
0.3333

40.8842, 0.2224,
0.2975

74.3096, 0.3476,
0.3360

■ 39.2979, 0.2173,
0.2928

■ 75.7250, 0.3471,
0.3388

■ 37.9404, 0.2140,
0.2882

■ 77.1642, 0.3466,
0.3416

■ 37.3711, 0.2128,
0.2861

■ 78.6274, 0.3461,
0.3443

■ 80.1145, 0.3456,
0.3471

Harmonies

Analogous

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



53.2959, 0.2865, 0.3396



53.2959, 0.2748, 0.3198



53.2959, 0.2729, 0.3035

Triad

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



53.2959, 0.2748, 0.3198



53.2959, 0.3192, 0.3033



53.2959, 0.3445, 0.3641

Complementary

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



53.2959, 0.2748, 0.3198



41.6449, 0.3642, 0.3380

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.



53.2959, 0.3541, 0.3529



53.2959, 0.2748, 0.3198



53.2959, 0.3392, 0.3182

Square

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



53.2959, 0.2748, 0.3198



53.2959, 0.2980, 0.2947



53.2959, 0.3522, 0.3361



53.2959, 0.3265, 0.3659

Rectangle

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



53.2959, 0.2748, 0.3198



53.2959, 0.2774, 0.2966



53.2959, 0.3522, 0.3361



53.2959, 0.3489, 0.3613

Sweetspot

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



53.2981, 0.2748, 0.3198



94.6198, 0.3003, 0.3263



54.6759, 0.3053, 0.3924



20.0461, 0.2980, 0.3258



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.



53.2981, 0.2748, 0.3198



81.4556, 0.2667, 0.3174



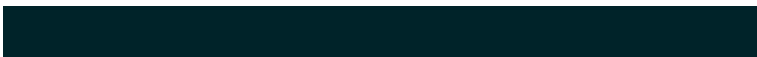
42.3233, 0.2717, 0.2853



13.1284, 0.2983, 0.3258



23.3886, 0.2130, 0.2868



1.3837, 0.2154, 0.2953

Inverse Universe

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



41.0852, 0.3219, 0.2739



58.8540, 0.3244, 0.2610



51.6243, 0.3565, 0.3691



11.9809, 0.3158, 0.3091



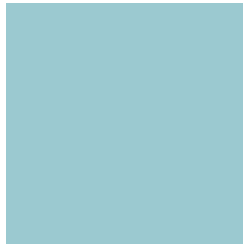
10.4324, 0.3572, 0.1742



0.5910, 0.3496, 0.1700

Previews

White Background



This preview shows how the Yxy color 53.2959, 0.2748, 0.3198 looks on a white background.

Color Contrast Check

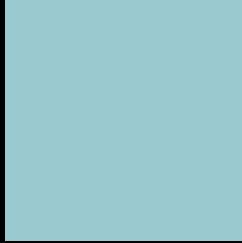
Large Text (above 18pt) WCAG AA × Fail

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 53.2959, 0.2748, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

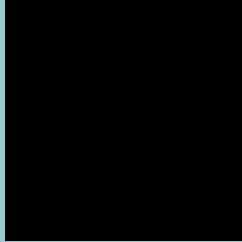
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

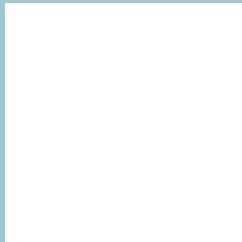
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2959, 0.2748, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 53.2959, 0.2748, 0.3198.



This preview shows how white text looks on a background with the Yxy color 53.2959, 0.2748, 0.3198.

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

53.2959, 0.2748, 0.3198

Protanopia

52.8633, 0.3061, 0.3156

Deuteranopia

52.9403, 0.3076, 0.3006



Tritanopia

53.4345, 0.2711, 0.3085

Trichromacy



Original Color

53.2959, 0.2748, 0.3198

Protanomaly

52.9736, 0.2939, 0.3177

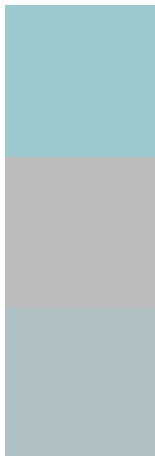
Deuteranomaly

52.7915, 0.2949, 0.3069

Tritanomaly

53.1806, 0.2723, 0.3122

Monochromacy



Original Color

53.2959, 0.2748, 0.3198

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3102, 0.2979, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2959, 0.2748, 0.3198 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, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 208)  
}
```

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, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 208) }
```

Border

The CSS property to change the border of an element to Yxy 53.2959, 0.2748, 0.3198 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, 201, 208) }
```

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

```
.border{ border-color:rgb(155, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2959, 0.2748, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 208) }
```

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

```
.background{ background-color: rgb(155,  
201, 208) }
```

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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