

Converting Colors

$Y_{xy}(53.8450, 0.2712, 0.3263)$

Have a look what the booklet for
Yxy(53.8450, 0.2712, 0.3263)
contains.

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Color

Yxy(53.8450, 0.2712, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	93CCCE
RGB	147, 204, 206
RGB Percent	58%, 80%, 81%
CMY	0.4239, 0.1999, 0.1922
CMYK	0.29, 0.01, 0.00, 0.19
HSL	182°, 38%, 69%
HSV	182°, 29%, 81%
XYZ	44.7526, 53.8450, 66.4193
YIQ	187.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

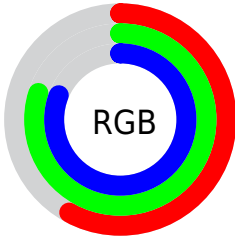
Format	Color
RYB	147, 176, 206
Decimal	9686222
CIELab	78.37, -17.79, -6.91
CIELCh	78, 19.085, 201.227
Yxy	53.8450, 0.2712, 0.3263
Android (android.graphics.Color)	4287876302 (0xFF93CCCE)
YUV	187.1850, 9.2758, -35.2422
Hunter-Lab	73.3792, -19.5497, -2.3011

Details

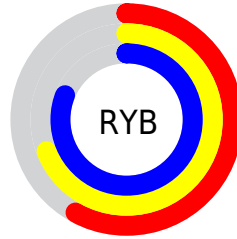
The Yxy color **53.8450, 0.2712, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6799, 0.3747, 0.3317**, and the grayscale version is **49.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.4594, 0.2605, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **51.7865, 0.2589, 0.3253**, and if you desaturate by 10%, it is **56.2502, 0.2848, 0.3273**.

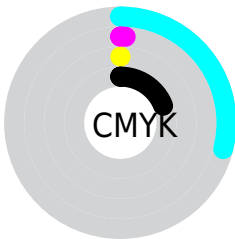
Distribution



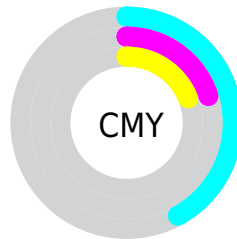
- Red (58%)
- Green (80%)
- Blue (81%)



- Red (58%)
- Yellow (69%)
- Blue (81%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (42%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8450, 0.2712, 0.3263 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 53.8450, 0.2712, 0.3263 by changing the saturation by 10% instead.


 53.8450, 0.2712,
0.3263


 53.8450, 0.2712,
0.3263


401.5187, 0.2912,
0.3279

 38.4778, 0.2664,
0.3258


 95.8466, 0.2783,
0.3269

 26.3537, 0.2604,
0.3252

 123.2498, 0.2810,
0.3272

 17.0884, 0.2526,
0.3242


155.4337, 0.2833,
0.3274

 10.2976, 0.2421,
0.3228

192.7828, 0.2853,
0.3275

 5.5967, 0.2273,
0.3205

235.6815, 0.2871,
0.3276

 2.6014, 0.2047,
0.3161

284.5141, 0.2886,

 0.9274, 0.1504,

0.3278

0.3124

339.6650, 0.2900,
0.3278

0.0000, 0.0000,
0.0000

53.8450, 0.2712,
0.3263

53.8450, 0.2712,
0.3263

51.7865, 0.2589,
0.3253

56.2502, 0.2848,
0.3273

50.0499, 0.2482,
0.3242

59.0123, 0.2994,
0.3282

48.6176, 0.2393,
0.3230

62.1494, 0.3148,
0.3291

47.4673, 0.2322,
0.3219

65.6762, 0.3306,
0.3299

46.5741, 0.2271,
0.3208

69.6066, 0.3465,
0.3306

■ 45.9083, 0.2238,
0.3197

■ 70.8941, 0.3504,
0.3313

■ 45.4233, 0.2220,
0.3186

■ 71.2294, 0.3502,
0.3320

■ 45.3641, 0.2218,
0.3185

■ 71.5662, 0.3501,
0.3327

■ 71.9044, 0.3500,
0.3334

Harmonies

Analogous

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



53.8450, 0.2886, 0.3502



53.8450, 0.2712, 0.3263



53.8450, 0.2646, 0.3044

Triad

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



53.8450, 0.2712, 0.3263



53.8450, 0.3109, 0.2936



53.8450, 0.3565, 0.3672

Complementary

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



53.8450, 0.2712, 0.3263



36.6799, 0.3747, 0.3317

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.



53.8450, 0.3633, 0.3505



53.8450, 0.2712, 0.3263



53.8450, 0.3364, 0.3089

Square

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



53.8450, 0.2712, 0.3263



53.8450, 0.2868, 0.2868



53.8450, 0.3559, 0.3293



53.8450, 0.3379, 0.3742

Rectangle

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



53.8450, 0.2712, 0.3263



53.8450, 0.2670, 0.2940



53.8450, 0.3559, 0.3293



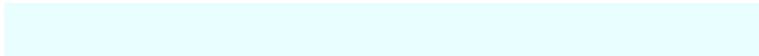
53.8450, 0.3603, 0.3624

Sweetspot

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



53.8472, 0.2712, 0.3263



95.4178, 0.2988, 0.3282



52.4670, 0.3082, 0.4102



20.2750, 0.2966, 0.3281



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.



53.8472, 0.2712, 0.3263



85.2705, 0.2640, 0.3257



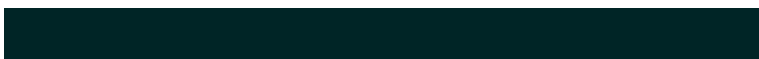
41.4918, 0.2671, 0.2873



12.6605, 0.2984, 0.3282



27.9666, 0.2219, 0.3186



1.4633, 0.2224, 0.3208

Inverse Universe

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



38.3205, 0.3178, 0.2604



56.4117, 0.3189, 0.2468



46.8402, 0.3648, 0.3673



11.3971, 0.3143, 0.3069



10.6262, 0.3293, 0.1588



0.5503, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 53.8450, 0.2712, 0.3263 looks on a white background.

Color Contrast Check

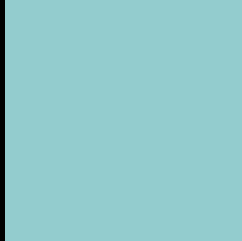
Large Text (above 18pt) WCAG AA × Fail

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 53.8450, 0.2712, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

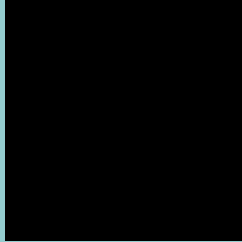
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

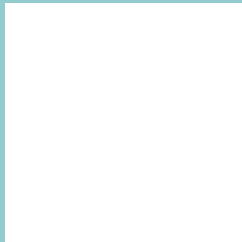
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8450, 0.2712, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 53.8450, 0.2712, 0.3263.

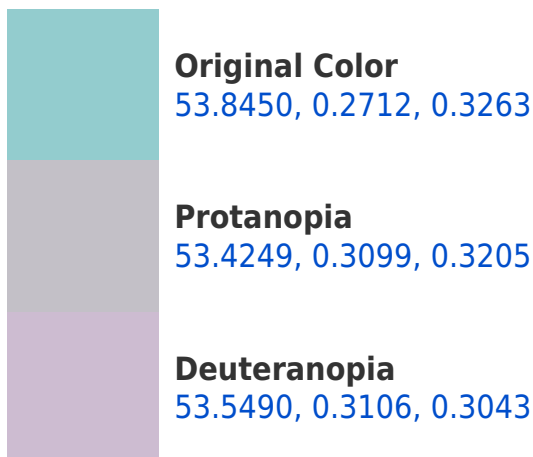


This preview shows how white text looks on a background with the Yxy color 53.8450, 0.2712, 0.3263.

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

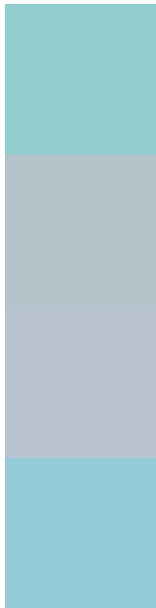




Tritanopia

53.7870, 0.2658, 0.3084

Trichromacy



Original Color

53.8450, 0.2712, 0.3263

Protanomaly

53.2091, 0.2945, 0.3214

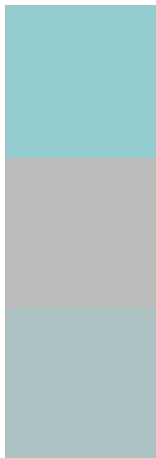
Deuteranomaly

53.3280, 0.2949, 0.3117

Tritanomaly

53.9565, 0.2676, 0.3147

Monochromacy



Original Color

53.8450, 0.2712, 0.3263

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8056, 0.2955, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8450, 0.2712, 0.3263 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(147, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(147, 204, 206)  
}
```

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(147, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.8450, 0.2712, 0.3263 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(147, 204, 206) }
```

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

```
.border{ border-color:rgb(147, 204, 206) }
```

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

Here you see how a box with a 4 pixel rgb(147, 204, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(147, 204,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8450, 0.2712, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 204, 206) }
```

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

```
.background{ background-color: rgb(147,  
204, 206) }
```

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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