

Converting Colors

$Yxy(55.3403, 0.2653, 0.3262)$

Have a look what the booklet for
Yxy(55.3403, 0.2653, 0.3262)
contains.

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Color

Yxy(55.3403, 0.2653, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	8CD0D2
RGB	140, 208, 210
RGB Percent	55%, 82%, 82%
CMY	0.4509, 0.1843, 0.1763
CMYK	0.33, 0.01, 0.00, 0.18
HSL	182°, 44%, 69%
HSV	182°, 33%, 82%
XYZ	45.0085, 55.3403, 69.3026
YIQ	187.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

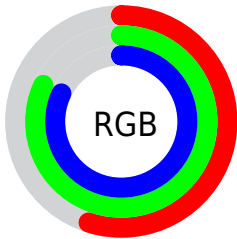
Format	Color
R _Y B	140, 174, 210
Decimal	9228498
CIE Lab	79.24, -20.78, -7.84
CIE LCh	79, 22.210, 200.663
Yxy	55.3403, 0.2653, 0.3262
Android (android.graphics.Color)	4287418578 (0xFF8CD0D2)
YUV	187.8960, 10.8973, -42.0048
Hunter-Lab	74.3911, -22.1872, -3.1607

Details

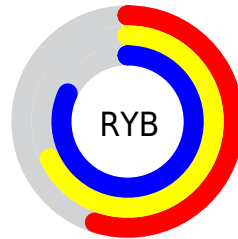
The Yxy color **55.3403, 0.2653, 0.3262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9610, 0.3891, 0.3318**, and the grayscale version is **50.1855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **27.1612, 0.2528, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **53.3915, 0.2538, 0.3253**, and if you desaturate by 10%, it is **57.6428, 0.2783, 0.3271**.

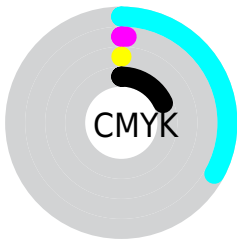
Distribution



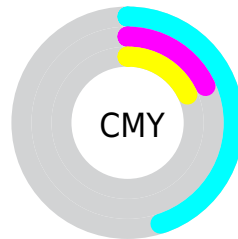
- Red (55%)
- Green (82%)
- Blue (82%)



- Red (55%)
- Yellow (68%)
- Blue (82%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3403, 0.2653, 0.3262 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 55.3403, 0.2653, 0.3262 by changing the saturation by 10% instead.


 55.3403, 0.2653,
0.3262

 55.3403, 0.2653,
0.3262


407.2006, 0.2880,
0.3280

 39.6742, 0.2599,
0.3257


 98.0394, 0.2733,
0.3269

 27.2846, 0.2532,
0.3249


 125.8412, 0.2764,
0.3272

 17.7871, 0.2445,
0.3239


158.4570, 0.2790,
0.3274

 10.7973, 0.2329,
0.3223

196.2713, 0.2813,
0.3275

 5.9307, 0.2166,
0.3196

239.6684, 0.2833,
0.3277

 2.8030, 0.1923,
0.3146

289.0327, 0.2851,

 1.0298, 0.1392,

0.3278

0.3086

344.7486, 0.2866,
0.3279

0.0000, 0.0000,
0.0000

55.3403, 0.2653,
0.3262

55.3403, 0.2653,
0.3262

53.3915, 0.2538,
0.3253

57.6428, 0.2783,
0.3271

51.7701, 0.2439,
0.3243

60.3108, 0.2925,
0.3280

50.4563, 0.2359,
0.3233

63.3635, 0.3075,
0.3288

49.4255, 0.2298,
0.3223

66.8169, 0.3232,
0.3295

48.6496, 0.2256,
0.3214

70.6859, 0.3391,
0.3301

■ 48.0944, 0.2231,
0.3204

■ 72.8316, 0.3467,
0.3308

■ 47.8076, 0.2222,
0.3198

■ 73.1366, 0.3466,
0.3314

■ 73.4428, 0.3465,
0.3320

■ 73.7501, 0.3463,
0.3326

Harmonies

Analogous

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



55.3403, 0.2854, 0.3540



55.3403, 0.2653, 0.3262



55.3403, 0.2576, 0.3009

Triad

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



55.3403, 0.2653, 0.3262



55.3403, 0.3099, 0.2883



55.3403, 0.3635, 0.3726

Complementary

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



55.3403, 0.2653, 0.3262



34.9610, 0.3891, 0.3318

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.



55.3403, 0.3712, 0.3530



55.3403, 0.2653, 0.3262



55.3403, 0.3394, 0.3055

Square

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



55.3403, 0.2653, 0.3262



55.3403, 0.2824, 0.2807



55.3403, 0.3623, 0.3287



55.3403, 0.3421, 0.3813

Rectangle

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



55.3403, 0.2653, 0.3262



55.3403, 0.2601, 0.2889



55.3403, 0.3623, 0.3287



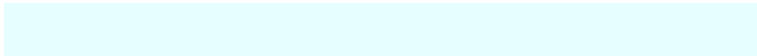
55.3403, 0.3678, 0.3669

Sweetspot

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



55.3425, 0.2653, 0.3262



95.0086, 0.2973, 0.3282



53.6145, 0.3074, 0.4259



20.1963, 0.2951, 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.



55.3425, 0.2653, 0.3262



83.6362, 0.2569, 0.3255



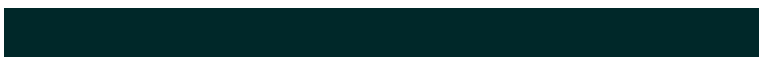
40.4483, 0.2594, 0.2793



13.3457, 0.2983, 0.3283



29.1788, 0.2222, 0.3199



1.6504, 0.2227, 0.3217

Inverse Universe

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



37.0210, 0.3185, 0.2490



51.0731, 0.3198, 0.2326



46.7258, 0.3752, 0.3739



12.0029, 0.3142, 0.3067



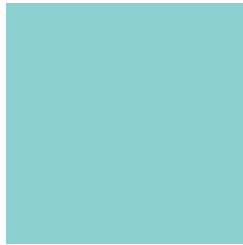
11.0169, 0.3283, 0.1582



0.6179, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 55.3403, 0.2653, 0.3262 looks on a white background.

Color Contrast Check

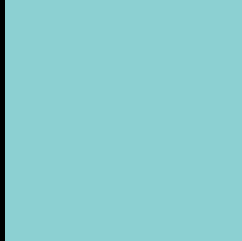
Large Text (above 18pt) WCAG AA × Fail

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 55.3403, 0.2653, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

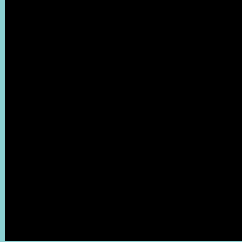
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

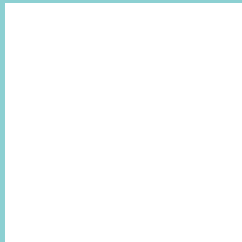
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3403, 0.2653, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 55.3403, 0.2653, 0.3262.

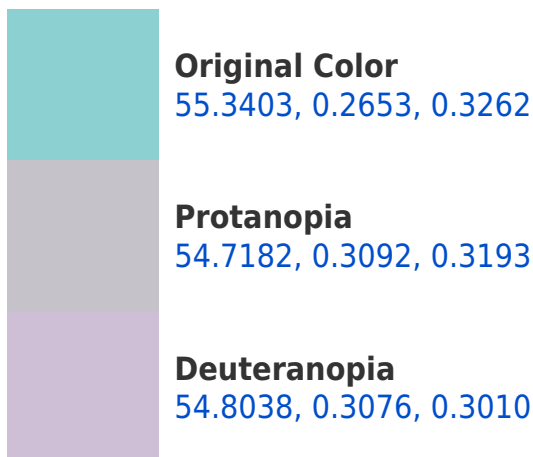


This preview shows how white text looks on a background with the Yxy color 55.3403, 0.2653, 0.3262.

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

55.3100, 0.2595, 0.3072

Trichromacy



Original Color

55.3403, 0.2653, 0.3262

Protanomaly

54.4847, 0.2911, 0.3214

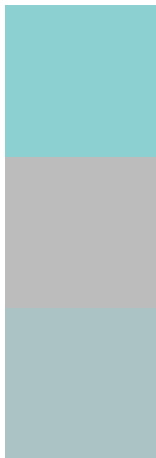
Deuteranomaly

54.6817, 0.2901, 0.3094

Tritanomaly

55.4384, 0.2618, 0.3147

Monochromacy



Original Color

55.3403, 0.2653, 0.3262

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6737, 0.2934, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3403, 0.2653, 0.3262 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(140, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(140, 208, 210)  
}
```

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(140, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.3403, 0.2653, 0.3262 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(140, 208, 210) }
```

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

```
.border{ border-color:rgb(140, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(140, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3403, 0.2653, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 208, 210) }
```

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

```
.background{ background-color: rgb(140,  
208, 210) }
```

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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