

Converting Colors

$Yxy(55.8353, 0.2683, 0.3293)$

Have a look what the booklet for
Yxy(55.8353, 0.2683, 0.3293)
contains.

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Color

Yxy(55.9946, 0.2684, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	8FD1D0
RGB	143, 209, 208
RGB Percent	56%, 82%, 82%
CMY	0.4391, 0.1804, 0.1844
CMYK	0.32, 0.00, 0.00, 0.18
HSL	179°, 42%, 69%
HSV	179°, 32%, 82%
XYZ	45.5147, 55.9946, 68.0685
YIQ	189.1520, -39.0150, -14.3030

Conversions

Conversions Part 2

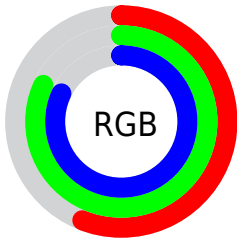
Format	Color
RYB	143, 176, 209
Decimal	9425360
CIELab	79.61, -20.94, -6.17
CIELCh	80, 21.826, 196.408
Yxy	55.9946, 0.2684, 0.3302
Android (android.graphics.Color)	4287615440 (0xFF8FD1D0)
YUV	189.1520, 9.2921, -40.4753
Hunter-Lab	74.8295, -22.3800, -1.5524

Details

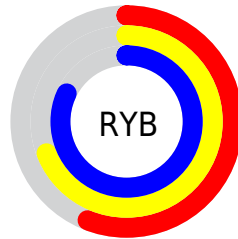
The Yxy color **55.9946, 0.2684, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2252, 0.3832, 0.3279**, and the grayscale version is **50.9469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **27.5681, 0.2566, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **54.2856, 0.2570, 0.3306**, and if you desaturate by 10%, it is **58.0556, 0.2813, 0.3298**.

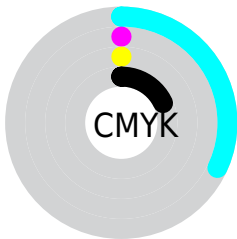
Distribution



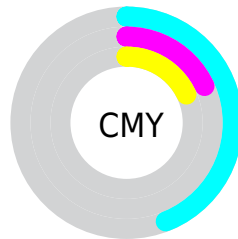
- Red (56%)
- Green (82%)
- Blue (82%)



- Red (56%)
- Yellow (69%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9946, 0.2684, 0.3302 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 55.9946, 0.2684, 0.3302 by changing the saturation by 10% instead.

 55.9946, 0.2684,
0.3302


 55.9946, 0.2684,
0.3302

409.6711, 0.2896,
0.3299

 40.1986, 0.2634,
0.3302


 98.9967, 0.2759,
0.3302

 27.6934, 0.2571,
0.3301


 126.9715, 0.2788,
0.3302

 18.0947, 0.2489,
0.3299


159.7748, 0.2812,
0.3301

 11.0180, 0.2380,
0.3295

197.7909, 0.2834,
0.3301

 6.0789, 0.2228,
0.3286

241.4042, 0.2852,
0.3300

 2.8931, 0.1999,
0.3265

290.9990, 0.2869,

 1.0762, 0.1511,

0.3300

346.9599, 0.2883,
0.3300

0.3251

0.0000, 0.0000,
0.0000

55.9946, 0.2684,
0.3302

55.9946, 0.2684,
0.3302

54.2856, 0.2570,
0.3306

58.0556, 0.2813,
0.3298

52.9026, 0.2472,
0.3311

60.4797, 0.2954,
0.3294

51.8266, 0.2393,
0.3316


63.2859, 0.3103,
0.3291


51.0339, 0.2333,
0.3321


66.4896, 0.3259,
0.3287


50.4973, 0.2292,
0.3326

70.1056, 0.3417,
0.3285


 50.1843, 0.2269,
0.3331

 71.5107, 0.3472,
0.3282

 50.0460, 0.2260,
0.3335

 71.5268, 0.3470,
0.3278

 71.5430, 0.3467,
0.3275

 71.5593, 0.3465,
0.3272

Harmonies

Analogous

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



55.9946, 0.2895, 0.3570



55.9946, 0.2684, 0.3302



55.9946, 0.2589, 0.3046

Triad

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



55.9946, 0.2684, 0.3302



55.9946, 0.3058, 0.2874



55.9946, 0.3644, 0.3695

Complementary

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



55.9946, 0.2684, 0.3302



35.2252, 0.3832, 0.3279

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.



55.9946, 0.3697, 0.3493



55.9946, 0.2684, 0.3302



55.9946, 0.3350, 0.3032

Square

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



55.9946, 0.2684, 0.3302



55.9946, 0.2797, 0.2815



55.9946, 0.3588, 0.3253



55.9946, 0.3450, 0.3798

Rectangle

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



55.9946, 0.2684, 0.3302



55.9946, 0.2601, 0.2918



55.9946, 0.3588, 0.3253



55.9946, 0.3680, 0.3635

Sweetspot

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



55.9968, 0.2684, 0.3302



95.8813, 0.2990, 0.3293



53.5266, 0.3092, 0.4212



20.3902, 0.2968, 0.3294



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.



55.9968, 0.2684, 0.3302



85.9228, 0.2604, 0.3305



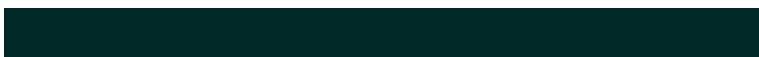
41.9360, 0.2627, 0.2855



13.4038, 0.2985, 0.3293



30.8580, 0.2260, 0.3334



1.7264, 0.2257, 0.3325

Inverse Universe

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



35.2252, 0.3832, 0.3279



48.2720, 0.4059, 0.3277



46.1672, 0.3720, 0.3688



11.8112, 0.3288, 0.3287



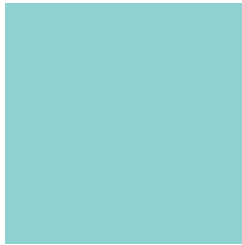
8.3635, 0.6382, 0.3290



0.4687, 0.6322, 0.3256

Previews

White Background



This preview shows how the Yxy color 55.9946, 0.2684, 0.3302 looks on a white background.

Color Contrast Check

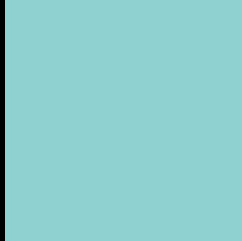
Large Text (above 18pt) WCAG AA × Fail

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 55.9946, 0.2684, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

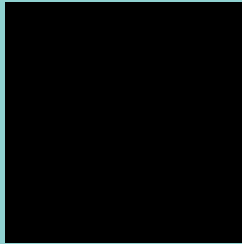
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

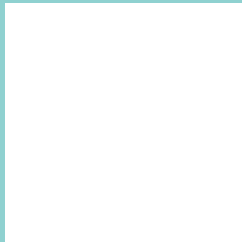
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9946, 0.2684, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 55.9946, 0.2684, 0.3302.



This preview shows how white text looks on a background with the Yxy color 55.9946, 0.2684, 0.3302.

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

55.9946, 0.2684, 0.3302

Protanopia

55.3425, 0.3122, 0.3230

Deuteranopia

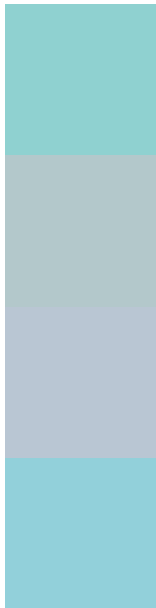
55.5704, 0.3115, 0.3047



Tritanopia

56.1564, 0.2620, 0.3086

Trichromacy



Original Color

55.9946, 0.2684, 0.3302

Protanomaly

55.2041, 0.2947, 0.3252

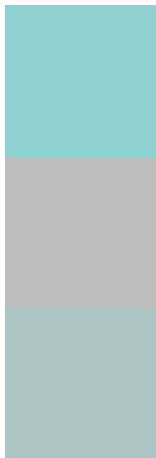
Deuteranomaly

55.4056, 0.2936, 0.3131

Tritanomaly

56.2847, 0.2643, 0.3161

Monochromacy



Original Color

55.9946, 0.2684, 0.3302

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2360, 0.2942, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9946, 0.2684, 0.3302 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(143, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(143, 209, 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(143, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 209, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.9946, 0.2684, 0.3302 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(143, 209, 208) }
```

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

```
.border{ border-color:rgb(143, 209, 208) }
```

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

Here you see how a box with a 4 pixel rgb(143, 209, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(143, 209,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9946, 0.2684, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 209, 208) }
```

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

```
.background{ background-color: rgb(143,  
209, 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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