

Converting Colors

$Yxy(54.2963, 0.2639, 0.3166)$

Have a look what the booklet for
Yxy(54.2963, 0.2639, 0.3166)
contains.

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Color

Yxy(54.3573, 0.2643, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	8FCDD6
RGB	143, 205, 214
RGB Percent	56%, 80%, 84%
CMY	0.4393, 0.1960, 0.1608
CMYK	0.33, 0.04, 0.00, 0.16
HSL	188°, 46%, 70%
HSV	188°, 33%, 84%
XYZ	45.2920, 54.3573, 71.7167
YIQ	187.4880, -39.8410, -10.3450

Conversions

Conversions Part 2

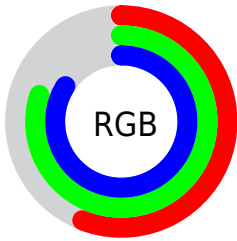
Format	Color
R _{YB}	143, 176, 214
Decimal	9424342
CIE Lab	78.67, -17.52, -10.79
CIE LCh	79, 20.576, 211.629
Yxy	54.3573, 0.2643, 0.3172
Android (android.graphics.Color)	4287614422 (0xFF8FCDD6)
YUV	187.4880, 13.0704, -39.0160
Hunter-Lab	73.7274, -19.3673, -6.0638

Details

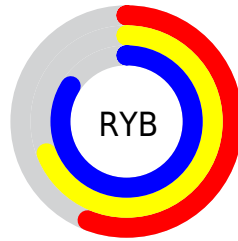
The Yxy color **54.3573, 0.2643, 0.3172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7199, 0.3859, 0.3404**, and the grayscale version is **49.9235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **26.7603, 0.2522, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **51.3450, 0.2518, 0.3131**, and if you desaturate by 10%, it is **57.7606, 0.2780, 0.3211**.

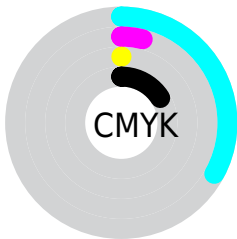
Distribution



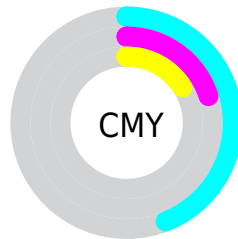
- Red (56%)
- Green (80%)
- Blue (84%)



- Red (56%)
- Yellow (69%)
- Blue (84%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3573, 0.2643, 0.3172 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 54.3573, 0.2643, 0.3172 by changing the saturation by 10% instead.


 54.3573, 0.2643,
0.3172


 54.3573, 0.2643,
0.3172


403.4710, 0.2875,
0.3234

 38.8874, 0.2588,
0.3156


 96.5987, 0.2725,
0.3195

 26.6721, 0.2519,
0.3135


 124.1389, 0.2757,
0.3203

 17.3271, 0.2430,
0.3107


156.4714, 0.2783,
0.3211

 10.4680, 0.2312,
0.3067

193.9805, 0.2807,
0.3217

 5.7103, 0.2145,
0.3005

237.0506, 0.2827,
0.3222

 2.6698, 0.1898,
0.2903

286.0661, 0.2845,

 0.9619, 0.1380,

0.3226

0.2740

341.4115, 0.2861,
0.3230

0.0000, 0.0000,
0.0000

54.3573, 0.2643,
0.3172

54.3573, 0.2643,
0.3172

51.3450, 0.2518,
0.3131

57.7606, 0.2780,
0.3211

48.6962, 0.2408,
0.3088

61.5676, 0.2926,
0.3247

46.3902, 0.2316,
0.3044

65.7985, 0.3078,
0.3280

44.4013, 0.2242,
0.3000

70.4699, 0.3233,
0.3310

42.6996, 0.2187,
0.2955

75.5977, 0.3389,
0.3337

■ 41.2496, 0.2151,
0.2911

■ 77.9589, 0.3422,
0.3364

■ 40.3644, 0.2134,
0.2881

■ 79.4017, 0.3418,
0.3391

■ 80.8678, 0.3413,
0.3418

■ 82.3570, 0.3409,
0.3445

Harmonies

Analogous

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



54.3573, 0.2793, 0.3431



54.3573, 0.2643, 0.3172



54.3573, 0.2617, 0.2962

Triad

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



54.3573, 0.2643, 0.3172



54.3573, 0.3204, 0.2959



54.3573, 0.3540, 0.3741

Complementary

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



54.3573, 0.2643, 0.3172



38.7199, 0.3859, 0.3404

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.



54.3573, 0.3663, 0.3590



54.3573, 0.2643, 0.3172



54.3573, 0.3465, 0.3146

Square

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



54.3573, 0.2643, 0.3172



54.3573, 0.2932, 0.2852



54.3573, 0.3636, 0.3373



54.3573, 0.3308, 0.3771

Rectangle

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



54.3573, 0.2643, 0.3172



54.3573, 0.2672, 0.2875



54.3573, 0.3636, 0.3373



54.3573, 0.3596, 0.3701

Sweetspot

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



54.3595, 0.2643, 0.3172



93.4399, 0.2972, 0.3257



56.1692, 0.3030, 0.4154



19.8139, 0.2951, 0.3253



0.0000, 0.0000, 0.0000



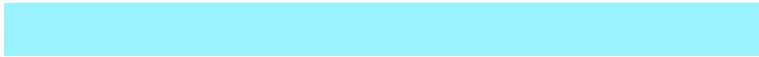
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3595, 0.2643, 0.3172



77.5559, 0.2552, 0.3143



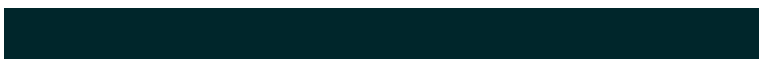
39.5159, 0.2583, 0.2695



13.8273, 0.2983, 0.3260



24.5061, 0.2136, 0.2888



1.5548, 0.2157, 0.2964

Inverse Universe

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



38.3407, 0.3248, 0.2564



50.4593, 0.3281, 0.2410



51.7199, 0.3722, 0.3819



12.6044, 0.3157, 0.3089



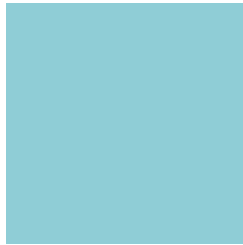
10.8188, 0.3554, 0.1732



0.6603, 0.3486, 0.1694

Previews

White Background



This preview shows how the Yxy color 54.3573, 0.2643, 0.3172 looks on a white background.

Color Contrast Check

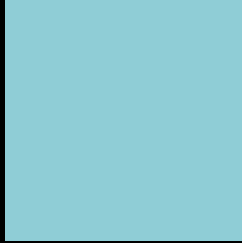
Large Text (above 18pt) WCAG AA × Fail

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 54.3573, 0.2643, 0.3172 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 54.3573, 0.2643, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 54.3573, 0.2643, 0.3172.

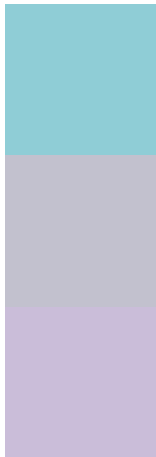


This preview shows how white text looks on a background with the Yxy color 54.3573, 0.2643, 0.3172.

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

54.3573, 0.2643, 0.3172

Protanopia

54.0655, 0.3040, 0.3133

Deuteranopia

53.9615, 0.3023, 0.2962



Tritanopia

54.3728, 0.2619, 0.3084

Trichromacy



Original Color

54.3573, 0.2643, 0.3172

Protanomaly

53.6499, 0.2876, 0.3139

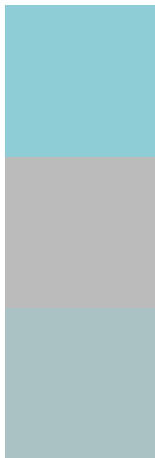
Deuteranomaly

53.8118, 0.2872, 0.3033

Tritanomaly

54.1770, 0.2625, 0.3108

Monochromacy



Original Color

54.3573, 0.2643, 0.3172

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.2727, 0.2927, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3573, 0.2643, 0.3172 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, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 214)  
}
```

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, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.3573, 0.2643, 0.3172 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, 205, 214) }
```

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

```
.border{ border-color:rgb(143, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 205,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3573, 0.2643, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 214) }
```

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

```
.background{ background-color: rgb(143,  
205, 214) }
```

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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