

Converting Colors

$Yxy(56.5745, 0.2686, 0.3255)$

Have a look what the booklet for
Yxy(56.5745, 0.2686, 0.3255)
contains.

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Color

Yxy(56.5574, 0.2685, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	93D1D4
RGB	147, 209, 212
RGB Percent	58%, 82%, 83%
CMY	0.4233, 0.1804, 0.1686
CMYK	0.31, 0.01, 0.00, 0.17
HSL	183°, 43%, 70%
HSV	183°, 31%, 83%
XYZ	46.7251, 56.5574, 70.7403
YIQ	190.8040, -37.9150, -12.2110

Conversions

Conversions Part 2

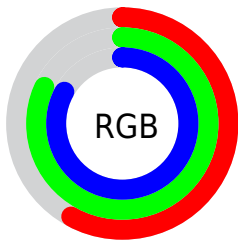
Format	Color
RYB	147, 179, 212
Decimal	9687508
CIELab	79.93, -18.88, -7.82
CIElCh	80, 20.433, 202.513
Yxy	56.5574, 0.2685, 0.3250
Android (android.graphics.Color)	4287877588 (0xFF93D1D4)
YUV	190.8040, 10.4496, -38.4161
Hunter-Lab	75.2047, -20.7050, -3.1271

Details

The Yxy color **56.5574, 0.2685, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.9424, 0.3803, 0.3330**, and the grayscale version is **51.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **27.8727, 0.2572, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **54.2955, 0.2564, 0.3235**, and if you desaturate by 10%, it is **59.1880, 0.2820, 0.3264**.

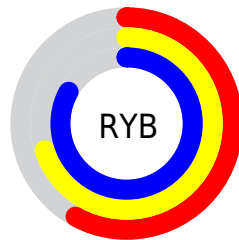
Distribution



Red (58%)

Green (82%)

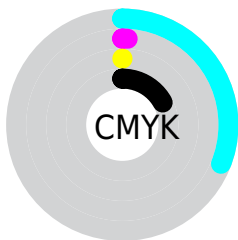
Blue (83%)



Red (58%)

Yellow (70%)

Blue (83%)

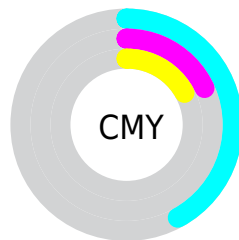


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (17%)



Cyan (42%)


Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5574, 0.2685, 0.3250 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 56.5574, 0.2685, 0.3250 by changing the saturation by 10% instead.


 56.5574, 0.2685,
0.3250


 56.5574, 0.2685,
0.3250


411.7887, 0.2896,
0.3273

 40.6500, 0.2635,
0.3244


 99.8191, 0.2760,
0.3259

 28.0457, 0.2573,
0.3235

 127.9422, 0.2788,
0.3262

 18.3601, 0.2492,
0.3223


160.9059, 0.2813,
0.3265

 11.2088, 0.2385,
0.3205

199.0948, 0.2834,
0.3267

 6.2075, 0.2235,
0.3176

242.8931, 0.2852,
0.3269

 2.9717, 0.2012,
0.3126

292.6852, 0.2869,

 1.1170, 0.1590,

0.3270

0.3040

348.8557, 0.2883,
0.3272

0.0000, 0.0000,
0.0000

56.5574, 0.2685,
0.3250

56.5574, 0.2685,
0.3250

54.2955, 0.2564,
0.3235

59.1880, 0.2820,
0.3264

52.3757, 0.2459,
0.3220

62.1988, 0.2965,
0.3277

50.7784, 0.2371,
0.3204

65.6092, 0.3117,
0.3289

49.4794, 0.2303,
0.3189

69.4353, 0.3275,
0.3300

48.4508, 0.2254,
0.3173

73.6923, 0.3434,
0.3310

■ 47.6597, 0.2223,
0.3158

■ 74.5554, 0.3447,
0.3320

■ 47.0787, 0.2207,
0.3144

■ 75.0567, 0.3445,
0.3330

■ 75.5610, 0.3443,
0.3340

■ 76.0683, 0.3442,
0.3350

Harmonies

Analogous

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



56.5574, 0.2864, 0.3503



56.5574, 0.2685, 0.3250



56.5574, 0.2621, 0.3022

Triad

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



56.5574, 0.2685, 0.3250



56.5574, 0.3119, 0.2924



56.5574, 0.3582, 0.3697

Complementary

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



56.5574, 0.2685, 0.3250



37.9424, 0.3803, 0.3330

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.



56.5574, 0.3661, 0.3524



56.5574, 0.2685, 0.3250



56.5574, 0.3387, 0.3087

Square

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



56.5574, 0.2685, 0.3250



56.5574, 0.2864, 0.2848



56.5574, 0.3589, 0.3302



56.5574, 0.3381, 0.3767

Rectangle

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



56.5574, 0.2685, 0.3250



56.5574, 0.2650, 0.2916



56.5574, 0.3589, 0.3302



56.5574, 0.3624, 0.3648

Sweetspot

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



56.5597, 0.2685, 0.3250



95.2277, 0.2988, 0.3279



55.4734, 0.3072, 0.4153



20.2278, 0.2966, 0.3277



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.



56.5597, 0.2685, 0.3250



83.5238, 0.2601, 0.3240



42.5530, 0.2636, 0.2824



14.0046, 0.2983, 0.3279



29.1061, 0.2207, 0.3146



1.7866, 0.2215, 0.3172

Inverse Universe

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



39.4884, 0.3190, 0.2565



53.5693, 0.3205, 0.2409



49.4380, 0.3688, 0.3714



12.6223, 0.3145, 0.3071



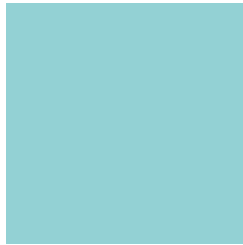
11.2831, 0.3328, 0.1607



0.6837, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 56.5574, 0.2685, 0.3250 looks on a white background.

Color Contrast Check

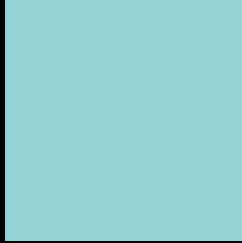
Large Text (above 18pt) WCAG AA × Fail

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 56.5574, 0.2685, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

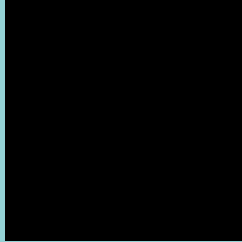
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

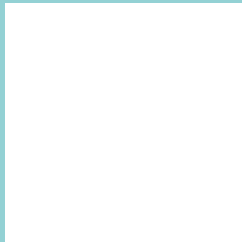
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5574, 0.2685, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 56.5574, 0.2685, 0.3250.

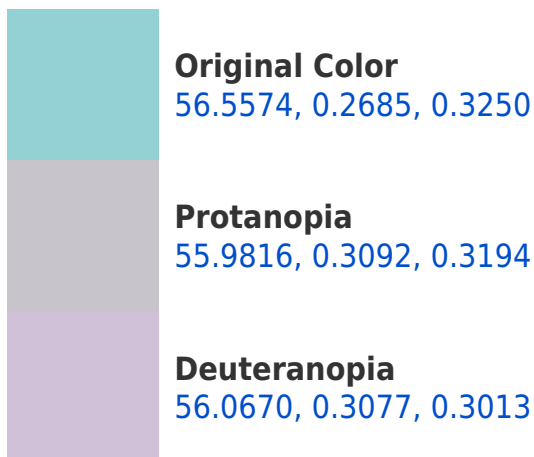


This preview shows how white text looks on a background with the Yxy color 56.5574, 0.2685, 0.3250.

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

56.4915, 0.2632, 0.3075

Trichromacy



Original Color

56.5574, 0.2685, 0.3250

Protanomaly

55.9816, 0.2928, 0.3215

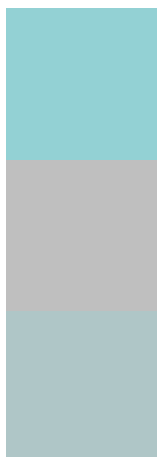
Deuteranomaly

55.7336, 0.2917, 0.3084

Tritanomaly

56.6686, 0.2650, 0.3137

Monochromacy



Original Color

56.5574, 0.2685, 0.3250

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.6256, 0.2944, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5574, 0.2685, 0.3250 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, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 212)  
}
```

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, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.5574, 0.2685, 0.3250 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, 209, 212) }
```

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

```
.border{ border-color:rgb(147, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(147, 209,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5574, 0.2685, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 209, 212) }
```

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

```
.background{ background-color: rgb(147,  
209, 212) }
```

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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