

Converting Colors

$Yxy(56.5896, 0.2658, 0.3268)$

Have a look what the booklet for
Yxy(56.5896, 0.2658, 0.3268)
contains.

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Color

Yxy(56.5974, 0.2657, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	8ED2D4
RGB	142, 210, 212
RGB Percent	56%, 82%, 83%
CMY	0.4430, 0.1765, 0.1687
CMYK	0.33, 0.01, 0.00, 0.17
HSL	182°, 45%, 69%
HSV	182°, 33%, 83%
XYZ	46.0862, 56.5974, 70.7684
YIQ	189.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

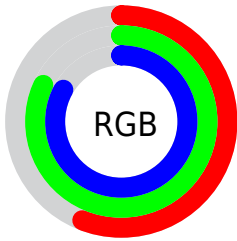
Format	Color
RYB	142, 176, 212
Decimal	9360084
CIELab	79.95, -20.78, -7.81
CIELCh	80, 22.199, 200.593
Yxy	56.5974, 0.2657, 0.3263
Android (android.graphics.Color)	4287550164 (0xFF8ED2D4)
YUV	189.8960, 10.8973, -42.0048
Hunter-Lab	75.2312, -22.3067, -3.1110

Details

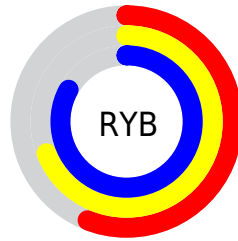
The Yxy color **56.5974, 0.2657, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8952, 0.3882, 0.3317**, and the grayscale version is **51.3868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **27.9517, 0.2541, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **54.6037, 0.2541, 0.3254**, and if you desaturate by 10%, it is **58.9533, 0.2787, 0.3272**.

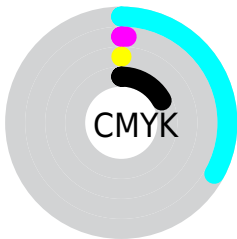
Distribution



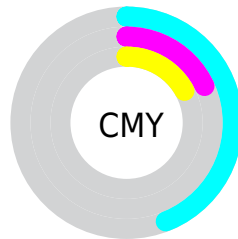
- Red (56%)
- Green (82%)
- Blue (83%)



- Red (56%)
- Yellow (69%)
- Blue (83%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5974, 0.2657, 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 56.5974, 0.2657, 0.3263 by changing the saturation by 10% instead.


 56.5974, 0.2657,
0.3263


 56.5974, 0.2657,
0.3263

411.9390, 0.2881,
0.3280

 40.6821, 0.2604,
0.3258


 99.8775, 0.2736,
0.3270

 28.0708, 0.2538,
0.3251


 128.0111, 0.2767,
0.3272

 18.3790, 0.2453,
0.3241

160.9862, 0.2793,
0.3274

 11.2224, 0.2339,
0.3225

199.1873, 0.2815,
0.3276

 6.2167, 0.2181,
0.3200

242.9987, 0.2835,
0.3277

 2.9773, 0.1946,
0.3153

292.8049, 0.2852,

 1.1199, 0.1485,

0.3278

0.3081

348.9902, 0.2868,
0.3279

0.0000, 0.0000,
0.0000

56.5974, 0.2657,
0.3263

56.5974, 0.2657,
0.3263

54.6037, 0.2541,
0.3254

58.9533, 0.2787,
0.3272

52.9452, 0.2442,
0.3244

61.6832, 0.2930,
0.3280

51.6018, 0.2361,
0.3235


64.8068, 0.3081,
0.3288


50.5484, 0.2300,
0.3225


68.3405, 0.3237,
0.3295


49.7564, 0.2257,
0.3216

72.2995, 0.3397,
0.3301


 49.1911, 0.2232,
0.3207

 73.9023, 0.3449,
0.3307

 48.8886, 0.2222,
0.3200

 74.2055, 0.3448,
0.3313

 74.5098, 0.3447,
0.3320

 74.8152, 0.3446,
0.3326

Harmonies

Analogous

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



56.5974, 0.2857, 0.3538



56.5974, 0.2657, 0.3263



56.5974, 0.2580, 0.3012

Triad

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



56.5974, 0.2657, 0.3263



56.5974, 0.3099, 0.2886



56.5974, 0.3631, 0.3722

Complementary

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



56.5974, 0.2657, 0.3263



35.8952, 0.3882, 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.



56.5974, 0.3707, 0.3527



56.5974, 0.2657, 0.3263



56.5974, 0.3392, 0.3057

Square

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



56.5974, 0.2657, 0.3263



56.5974, 0.2825, 0.2810



56.5974, 0.3618, 0.3286



56.5974, 0.3419, 0.3809

Rectangle

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



56.5974, 0.2657, 0.3263



56.5974, 0.2605, 0.2892



56.5974, 0.3618, 0.3286



56.5974, 0.3674, 0.3666

Sweetspot

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



56.5997, 0.2657, 0.3263



95.0213, 0.2973, 0.3282



54.8189, 0.3074, 0.4248



20.1994, 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.



56.5997, 0.2657, 0.3263



83.6861, 0.2569, 0.3256



41.4921, 0.2599, 0.2798



14.0448, 0.2983, 0.3283



30.2141, 0.2223, 0.3202



1.8418, 0.2227, 0.3217

Inverse Universe

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



38.0008, 0.3183, 0.2497



51.0781, 0.3197, 0.2325



47.8557, 0.3744, 0.3734



12.6264, 0.3142, 0.3067



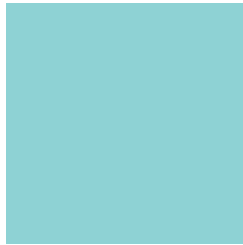
11.3950, 0.3281, 0.1581



0.6892, 0.3267, 0.1574

Previews

White Background



This preview shows how the Yxy color 56.5974, 0.2657, 0.3263 looks on a white background.

Color Contrast Check

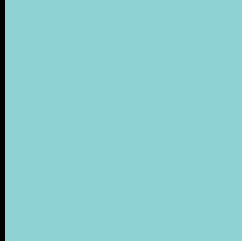
Large Text (above 18pt) WCAG AA × Fail

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 56.5974, 0.2657, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

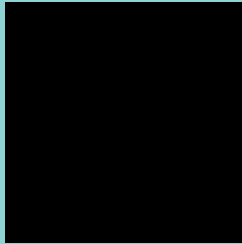
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

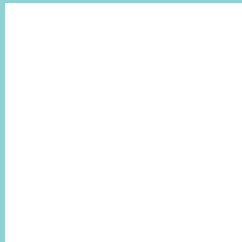
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5974, 0.2657, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 56.5974, 0.2657, 0.3263.

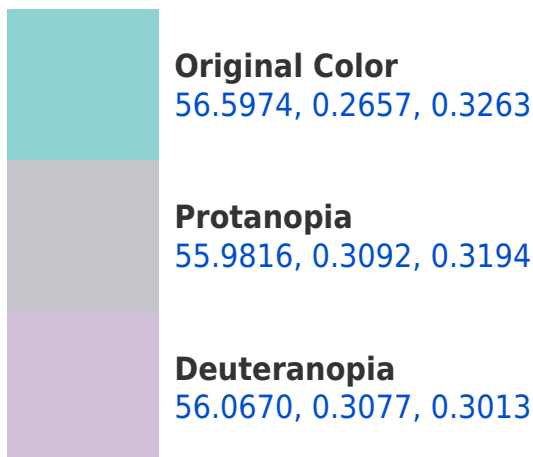


This preview shows how white text looks on a background with the Yxy color 56.5974, 0.2657, 0.3263.

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

56.5677, 0.2599, 0.3074

Trichromacy



Original Color

56.5974, 0.2657, 0.3263

Protanomaly

55.7433, 0.2913, 0.3215

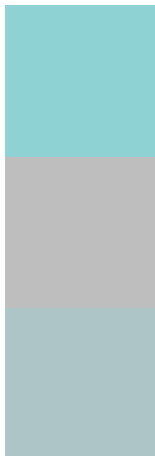
Deuteranomaly

55.9435, 0.2903, 0.3096

Tritanomaly

56.6975, 0.2622, 0.3148

Monochromacy



Original Color

56.5974, 0.2657, 0.3263

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.8940, 0.2936, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5974, 0.2657, 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(142, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 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(142, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.5974, 0.2657, 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(142, 210, 212) }
```

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

```
.border{ border-color:rgb(142, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5974, 0.2657, 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(142, 210, 212) }
```

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

```
.background{ background-color: rgb(142,  
210, 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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