

Converting Colors

$Yxy(56.6363, 0.2767, 0.3578)$

Have a look what the booklet for
Yxy(56.6363, 0.2767, 0.3578)
contains.

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Color

Yxy(56.9255, 0.2770, 0.3583)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CD5BF |
| RGB | 140, 213, 191 |
| RGB Percent | 55%, 84%, 75% |
| CMY | 0.4510, 0.1647, 0.2511 |
| CMYK | 0.34, 0.00, 0.10, 0.16 |
| HSL | 162°, 47%, 69% |
| HSV | 162°, 34%, 84% |
| XYZ | 44.0088, 56.9255, 57.9423 |
| YIQ | 188.6650, -36.4460, -22.3180 |

Conversions

Conversions Part 2

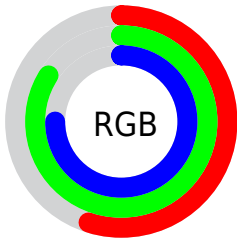
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 140, 183, 213 |
| Decimal | 9229759 |
| CIELab | 80.14, -27.57, 3.68 |
| CIELCh | 80, 27.816, 172.393 |
| Yxy | 56.9255, 0.2770, 0.3583 |
| Android (android.graphics.Color) | 4287419839 (0xFF8CD5BF) |
| YUV | 188.6650, 1.1512, -42.6792 |
| Hunter-Lab | 75.4490, -27.9180, 7.2815 |

Details

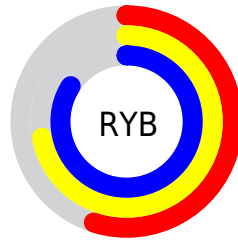
The Yxy color **56.9255, 0.2770, 0.3583** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.5088, 0.3685, 0.3019**, and the grayscale version is **50.6948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9712, 0.2824, 0.3374**, and **28.2671, 0.2671, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **54.9765, 0.2686, 0.3685**, and if you desaturate by 10%, it is **59.2497, 0.2866, 0.3488**.

Distribution



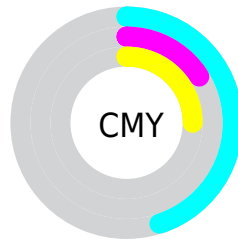
- Red (55%)
- Green (84%)
- Blue (75%)



- Red (55%)
- Yellow (72%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





- Cyan (45%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9255, 0.2770, 0.3583 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 56.9255, 0.2770, 0.3583 by changing the saturation by 10% instead.

 56.9255, 0.2770,
0.3583

 56.9255, 0.2770,
0.3583

413.1701, 0.2943,
0.3439

 40.9454, 0.2728,
0.3618

 100.3565, 0.2832,
0.3531

 28.2764, 0.2676,
0.3663


 128.5762, 0.2855,
0.3512

 18.5342, 0.2607,
0.3721


161.6445, 0.2875,
0.3495

 11.3342, 0.2514,
0.3802

199.9459, 0.2893,
0.3481

 6.2921, 0.2380,
0.3919

243.8648, 0.2908,
0.3468

 3.0235, 0.2174,
0.4104

293.7855, 0.2921,

 1.1440, 0.1573,

0.3458

0.4572

350.0925, 0.2933,
0.3448

0.0152, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9255, 0.2770,
0.3583

56.9255, 0.2770,
0.3583

54.9765, 0.2686,
0.3685

59.2497, 0.2866,
0.3488

53.3748, 0.2616,
0.3793


61.9614, 0.2970,
0.3401

52.0998, 0.2563,
0.3905


65.0807, 0.3079,
0.3322

51.1255, 0.2530,
0.4019

68.6245, 0.3192,
0.3250

 50.4220, 0.2516,
0.4135

 72.6086, 0.3305,
0.3187

 49.9530, 0.2522,
0.4249

 74.5406, 0.3323,
0.3125

 49.7546, 0.2532,
0.4314

 74.9075, 0.3277,
0.3062

 75.2878, 0.3232,
0.3000

 75.6817, 0.3188,
0.2939

Harmonies

Analogous

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



56.9255, 0.3110, 0.3855



56.9255, 0.2770, 0.3583



56.9255, 0.2534, 0.3230

Triad

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



56.9255, 0.2770, 0.3583



56.9255, 0.2768, 0.2700



56.9255, 0.3854, 0.3595

Complementary

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



56.9255, 0.2770, 0.3583



35.5088, 0.3685, 0.3019

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.



56.9255, 0.3756, 0.3298



56.9255, 0.2770, 0.3583



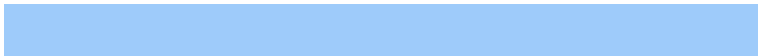
56.9255, 0.3111, 0.2802

Square

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



56.9255, 0.2770, 0.3583



56.9255, 0.2533, 0.2738



56.9255, 0.3477, 0.3016



56.9255, 0.3744, 0.3836

Rectangle

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



56.9255, 0.2770, 0.3583



56.9255, 0.2459, 0.3014



56.9255, 0.3477, 0.3016



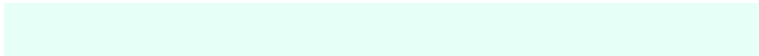
56.9255, 0.3845, 0.3498

Sweetspot

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



56.9278, 0.2770, 0.3583



94.9946, 0.3015, 0.3367



57.2843, 0.3246, 0.4259



20.1932, 0.2999, 0.3378



0.0000, 0.0000, 0.0000



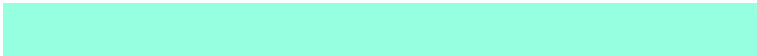
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9278, 0.2770, 0.3583



83.3989, 0.2709, 0.3655



51.5122, 0.2622, 0.3112



14.0411, 0.3022, 0.3361



30.4082, 0.2527, 0.4297



1.8484, 0.2473, 0.4101

Inverse Universe

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



35.5088, 0.3685, 0.3019



46.5939, 0.3856, 0.2962



38.9454, 0.3875, 0.3459



12.4819, 0.3244, 0.3220



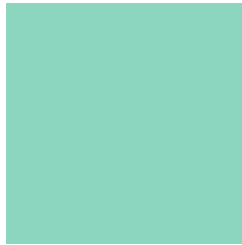
8.8850, 0.5742, 0.2937



0.5505, 0.5244, 0.2663

Previews

White Background



This preview shows how the Yxy color 56.9255, 0.2770, 0.3583 looks on a white background.

Color Contrast Check

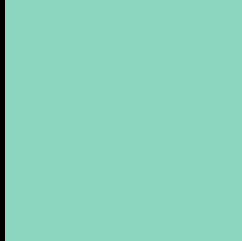
Large Text (above 18pt) WCAG AA × Fail

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 56.9255, 0.2770, 0.3583 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

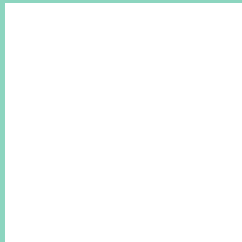
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9255, 0.2770, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 56.9255, 0.2770, 0.3583.



This preview shows how white text looks on a background with the Yxy color 56.9255, 0.2770, 0.3583.

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

56.9255, 0.2770, 0.3583

Protanopia

56.2890, 0.3304, 0.3471

Deuteranopia

56.1072, 0.3319, 0.3244



Tritanopia

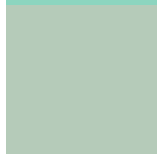
56.8439, 0.2616, 0.3075

Trichromacy



Original Color

56.9255, 0.2770, 0.3583



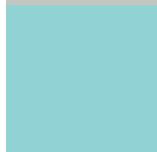
Protanomaly

56.0384, 0.3086, 0.3517



Deuteranomaly

55.6890, 0.3093, 0.3351



Tritanomaly

56.9170, 0.2669, 0.3250

Monochromacy



Original Color

56.9255, 0.2770, 0.3583



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.7638, 0.2976, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9255, 0.2770, 0.3583 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, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 213, 191)  
}
```

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, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 213, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.9255, 0.2770, 0.3583 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, 213, 191) }
```

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

```
.border{ border-color:rgb(140, 213, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 213, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 213,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9255, 0.2770, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 213, 191) }
```

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

```
.background{ background-color: rgb(140,  
213, 191) }
```

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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