

Converting Colors

Yxy(56.8947, 0.2791, 0.3546)

Have a look what the booklet for
Yxy(56.8947, 0.2791, 0.3546)
contains.

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Color

Yxy(56.9125, 0.2793, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	91D4C0
RGB	145, 212, 192
RGB Percent	57%, 83%, 75%
CMY	0.4316, 0.1686, 0.2470
CMYK	0.32, 0.00, 0.09, 0.17
HSL	162°, 44%, 70%
HSV	162°, 32%, 83%
XYZ	44.7261, 56.9125, 58.4979
YIQ	189.6870, -33.5120, -20.4240

Conversions

Conversions Part 2

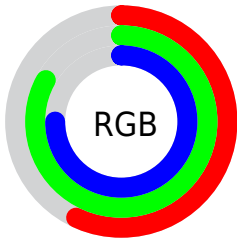
Format	Color
RYB	145, 184, 212
Decimal	9557184
CIELab	80.13, -25.45, 3.15
CIELCh	80, 25.644, 172.936
Yxy	56.9125, 0.2793, 0.3554
Android (android.graphics.Color)	4287747264 (0xFF91D4C0)
YUV	189.6870, 1.1403, -39.1905
Hunter-Lab	75.4404, -26.1939, 6.8337

Details

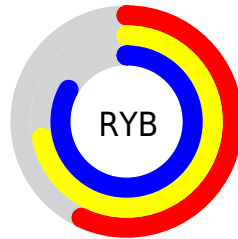
The Yxy color **56.9125, 0.2793, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9447, 0.3630, 0.3044**, and the grayscale version is **51.3043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7148, 0.2846, 0.3363**, and **28.2533, 0.2704, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **54.8918, 0.2705, 0.3653**, and if you desaturate by 10%, it is **59.3092, 0.2892, 0.3462**.

Distribution



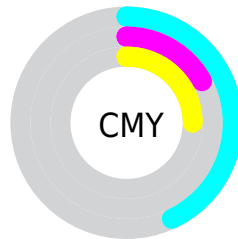
- Red (57%)
- Green (83%)
- Blue (75%)



- Red (57%)
- Yellow (72%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9125, 0.2793, 0.3554 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 56.9125, 0.2793, 0.3554 by changing the saturation by 10% instead.


 56.9125, 0.2793,
0.3554


 56.9125, 0.2793,
0.3554


413.1214, 0.2955,
0.3425

 40.9350, 0.2754,
0.3585


 100.3375, 0.2851,
0.3508

 28.2683, 0.2705,
0.3625


 128.5538, 0.2873,
0.3490

 18.5280, 0.2641,
0.3678


161.6185, 0.2892,
0.3475

 11.3297, 0.2554,
0.3750

199.9159, 0.2908,
0.3462

 6.2891, 0.2429,
0.3854

243.8305, 0.2922,
0.3451

 3.0216, 0.2237,
0.4019

293.7467, 0.2934,

 1.1430, 0.1718,

0.3441

0.4415

350.0489, 0.2945,
0.3433

0.0144, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9125, 0.2793,
0.3554

56.9125, 0.2793,
0.3554

54.8918, 0.2705,
0.3653

59.3092, 0.2892,
0.3462

53.2200, 0.2631,
0.3758


62.0936, 0.2998,
0.3378

51.8773, 0.2573,
0.3868


65.2854, 0.3109,
0.3302


50.8388, 0.2534,
0.3980


68.9008, 0.3222,
0.3233

 50.0763, 0.2515,
0.4094


 72.9554, 0.3336,
0.3172


 49.5560, 0.2516,
0.4207

 74.0658, 0.3321,
0.3111

 49.2576, 0.2528,
0.4301

 74.4276, 0.3276,
0.3049

 74.8024, 0.3232,
0.2988

 75.1904, 0.3188,
0.2928

Harmonies

Analogous

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



56.9125, 0.3107, 0.3805



56.9125, 0.2793, 0.3554



56.9125, 0.2575, 0.3231

Triad

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



56.9125, 0.2793, 0.3554



56.9125, 0.2801, 0.2744



56.9125, 0.3797, 0.3579

Complementary

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



56.9125, 0.2793, 0.3554



36.9447, 0.3630, 0.3044

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.



56.9125, 0.3709, 0.3305



56.9125, 0.2793, 0.3554



56.9125, 0.3119, 0.2840

Square

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



56.9125, 0.2793, 0.3554



56.9125, 0.2580, 0.2778



56.9125, 0.3456, 0.3041



56.9125, 0.3693, 0.3798

Rectangle

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



56.9125, 0.2793, 0.3554



56.9125, 0.2508, 0.3032



56.9125, 0.3456, 0.3041



56.9125, 0.3789, 0.3490

Sweetspot

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



56.9148, 0.2793, 0.3554



95.4710, 0.3026, 0.3358



57.1431, 0.3230, 0.4177



20.2885, 0.3009, 0.3369



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.



56.9148, 0.2793, 0.3554



84.2952, 0.2732, 0.3620



51.4310, 0.2656, 0.3113



14.0418, 0.3022, 0.3360



30.4223, 0.2524, 0.4285



1.8492, 0.2470, 0.4091

Inverse Universe

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



36.9447, 0.3630, 0.3044



49.3361, 0.3784, 0.2989



40.6152, 0.3794, 0.3459



12.4812, 0.3245, 0.3221



8.8799, 0.5754, 0.2944



0.5501, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 56.9125, 0.2793, 0.3554 looks on a white background.

Color Contrast Check

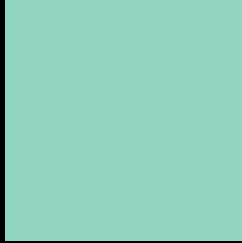
Large Text (above 18pt) WCAG AA × Fail

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 56.9125, 0.2793, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

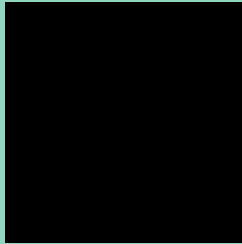
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

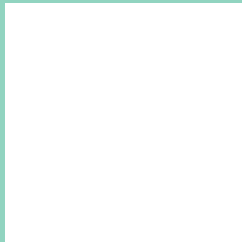
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9125, 0.2793, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 56.9125, 0.2793, 0.3554.



This preview shows how white text looks on a background with the Yxy color 56.9125, 0.2793, 0.3554.

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

56.9125, 0.2793, 0.3554

Protanopia

56.3723, 0.3289, 0.3447

Deuteranopia

56.4365, 0.3301, 0.3244



Tritanopia

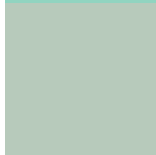
56.6829, 0.2643, 0.3076

Trichromacy



Original Color

56.9125, 0.2793, 0.3554



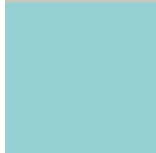
Protanomaly

55.8962, 0.3088, 0.3478



Deuteranomaly

55.8633, 0.3094, 0.3339



Tritanomaly

56.7440, 0.2697, 0.3250

Monochromacy



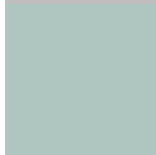
Original Color

56.9125, 0.2793, 0.3554



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.1484, 0.2992, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9125, 0.2793, 0.3554 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(145, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 192)  
}
```

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(145, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.9125, 0.2793, 0.3554 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(145, 212, 192) }
```

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

```
.border{ border-color:rgb(145, 212, 192) }
```

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

Here you see how a box with a 4 pixel rgb(145, 212, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9125, 0.2793, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 192) }
```

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

```
.background{ background-color: rgb(145,  
212, 192) }
```

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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