

# Converting Colors

Yxy(56.5119, 0.2763, 0.3425)

Have a look what the booklet for  
Yxy(56.5119, 0.2763, 0.3425)  
contains.

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# Color

**Yxy(56.5592, 0.2762, 0.3420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D2C8
RGB	148, 210, 200
RGB Percent	58%, 82%, 78%
CMY	0.4198, 0.1764, 0.2158
CMYK	0.30, 0.00, 0.05, 0.18
HSL	170°, 41%, 70%
HSV	170°, 30%, 82%
XYZ	45.6773, 56.5592, 63.1412
YIQ	190.3220, -33.7420, -16.2540

# Conversions

## Conversions Part 2

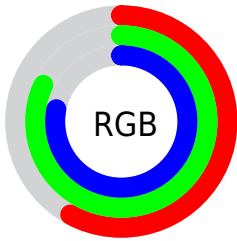
Format	Color
<b>RYB</b>	148, 182, 210
Decimal	9753288
CIELab	79.93, -21.85, -1.38
CIElCh	80, 21.896, 183.622
Yxy	56.5592, 0.2762, 0.3420
Android (android.graphics.Color)	4287943368 (0xFF94D2C8)
YUV	190.3220, 4.7713, -37.1164
Hunter-Lab	75.2059, -23.1957, 2.8655

# Details

The Yxy color **56.5592, 0.2762, 0.3420** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3398, 0.3674, 0.3166**, and the grayscale version is **51.6703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **27.9509, 0.2669, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **54.6212, 0.2658, 0.3471**, and if you desaturate by 10%, it is **58.8606, 0.2878, 0.3372**.

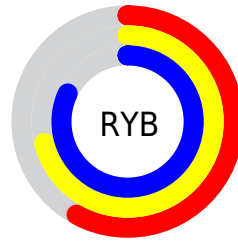
# Distribution



Red (58%)

Green (82%)

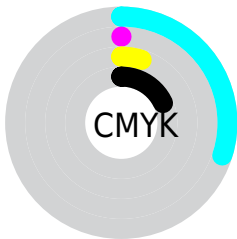
Blue (78%)



Red (58%)

Yellow (71%)

Blue (82%)

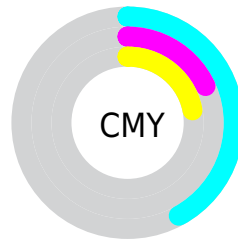


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (42%)

Magenta (18%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5592, 0.2762, 0.3420 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 56.5592, 0.2762, 0.3420 by changing the saturation by 10% instead.





 56.5592, 0.2762,  
0.3420

 56.5592, 0.2762,  
0.3420


411.7955, 0.2938,  
0.3358

 40.6514, 0.2720,  
0.3435


 99.8217, 0.2824,  
0.3398

 28.0468, 0.2667,  
0.3453


 127.9453, 0.2848,  
0.3390

 18.3610, 0.2599,  
0.3476


160.9095, 0.2869,  
0.3383

 11.2095, 0.2507,  
0.3507

199.0989, 0.2886,  
0.3376

 6.2079, 0.2376,  
0.3551

242.8978, 0.2902,  
0.3371

 2.9719, 0.2178,  
0.3616

292.6906, 0.2915,

 1.1171, 0.1727,

0.3366

0.3772

348.8617, 0.2927,  
0.3362

0.0000, 0.0000,  
0.0000

56.5592, 0.2762,  
0.3420

56.5592, 0.2762,  
0.3420

54.6212, 0.2658,  
0.3471

58.8606, 0.2878,  
0.3372

53.0204, 0.2569,  
0.3525

61.5363, 0.3002,  
0.3328

51.7380, 0.2496,  
0.3581

64.6052, 0.3133,  
0.3288

50.7507, 0.2442,  
0.3638

68.0829, 0.3267,  
0.3252

50.0317, 0.2408,  
0.3696

71.9841, 0.3403,  
0.3220

■ 49.5494, 0.2392,  
0.3754

■ 72.5459, 0.3393,  
0.3186

■ 49.2492, 0.2393,  
0.3811

■ 72.7280, 0.3368,  
0.3152

■ 49.2369, 0.2393,  
0.3814

■ 72.9138, 0.3343,  
0.3118

■ 73.1033, 0.3319,  
0.3085

# Harmonies

## Analogous

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



56.5592, 0.3010, 0.3664



56.5592, 0.2762, 0.3420



56.5592, 0.2614, 0.3148

# Triad

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



56.5592, 0.2762, 0.3420



56.5592, 0.2939, 0.2836



56.5592, 0.3686, 0.3617

# Complementary

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



56.5592, 0.2762, 0.3420



37.3398, 0.3674, 0.3166

# 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.



56.5592, 0.3669, 0.3392



56.5592, 0.2762, 0.3420



56.5592, 0.3227, 0.2954

# Square

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



56.5592, 0.2762, 0.3420



56.5592, 0.2712, 0.2825



56.5592, 0.3498, 0.3154



56.5592, 0.3547, 0.3770



# Rectangle

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



56.5592, 0.2762, 0.3420



56.5592, 0.2587, 0.2995



56.5592, 0.3498, 0.3154



56.5592, 0.3699, 0.3547

# Sweetspot

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



56.5615, 0.2762, 0.3420



95.6675, 0.3008, 0.3326



55.5367, 0.3162, 0.4127



20.3371, 0.2989, 0.3333



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

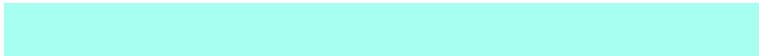


# Same Dimension

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



56.5615, 0.2762, 0.3420



85.9253, 0.2700, 0.3449



47.4833, 0.2673, 0.3014



13.3729, 0.3004, 0.3328



30.0420, 0.2390, 0.3805



1.6888, 0.2361, 0.3700



# Inverse Universe

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



37.3398, 0.3674, 0.3166



51.7442, 0.3829, 0.3140



44.0848, 0.3707, 0.3549



11.8390, 0.3265, 0.3253



8.4379, 0.6155, 0.3165

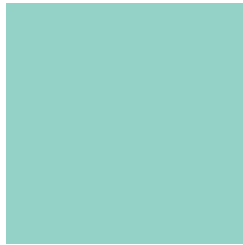


0.4818, 0.5688, 0.2907



# Previews

## White Background



This preview shows how the Yxy color 56.5592, 0.2762, 0.3420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

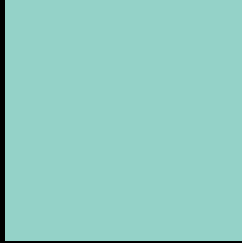
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.5592, 0.2762, 0.3420 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

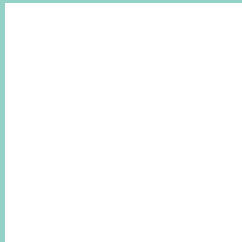
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.5592, 0.2762, 0.3420**

## Background



This preview shows how black text looks on a background with the Yxy color 56.5592, 0.2762, 0.3420.

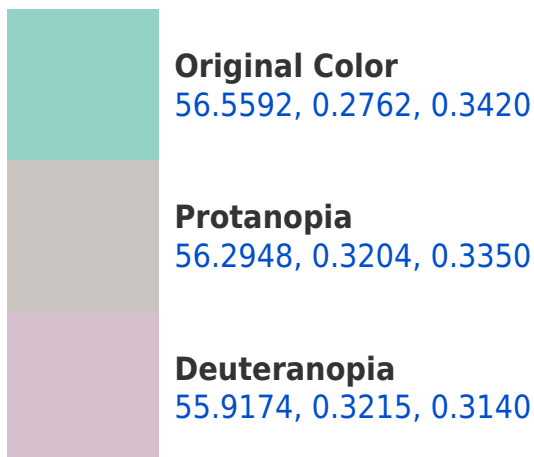


This preview shows how white text looks on a background with the Yxy color 56.5592, 0.2762, 0.3420.

# 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

56.7257, 0.2655, 0.3088

# Trichromacy



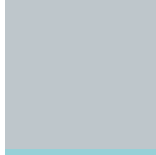
## Original Color

56.5592, 0.2762, 0.3420



## Protanomaly

56.1263, 0.3024, 0.3377



## Deuteranomaly

55.6471, 0.3029, 0.3229



## Tritanomaly

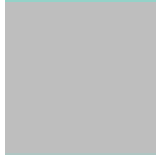
56.5974, 0.2690, 0.3200

# Monochromacy



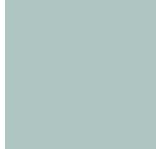
## Original Color

56.5592, 0.2762, 0.3420



## Achromatopsia

51.4918, 0.3127, 0.3290



## Achromatomaly

52.9415, 0.2978, 0.3328

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.5592, 0.2762, 0.3420 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(148, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 200)  
}
```

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(148, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 200) }
```

## Border

The CSS property to change the border of an element to Yxy 56.5592, 0.2762, 0.3420 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(148, 210, 200) }
```

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

```
.border{ border-color:rgb(148, 210, 200) }
```

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

Here you see how a box with a 4 pixel rgb(148, 210, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
200) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.5592, 0.2762, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 200) }
```

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

```
.background{ background-color: rgb(148,  
210, 200) }
```

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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