

# Converting Colors

$Yxy(56.8891, 0.2832, 0.3591)$

Have a look what the booklet for  
Yxy(56.8891, 0.2832, 0.3591)  
contains.

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# Color

**Yxy(57.0570, 0.2830, 0.3593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D4BD
RGB	148, 212, 189
RGB Percent	58%, 83%, 74%
CMY	0.4197, 0.1686, 0.2587
CMYK	0.30, 0.00, 0.11, 0.17
HSL	158°, 43%, 71%
HSV	158°, 30%, 83%
XYZ	44.9405, 57.0570, 56.8029
YIQ	190.2420, -30.7610, -20.7210

# Conversions

## Conversions Part 2

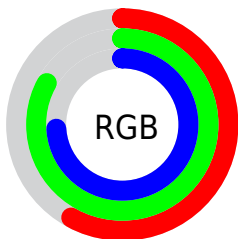
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 187, 212
Decimal	9753789
CIE <sub>Lab</sub>	80.21, -25.18, 4.88
CIE <sub>LCh</sub>	80, 25.648, 169.033
Yxy	57.0570, 0.2830, 0.3593
Android (android.graphics.Color)	4287943869 (0xFF94D4BD)
YUV	190.2420, -0.6123, -37.0462
Hunter-Lab	75.5361, -25.9888, 8.2893

# Details

The Yxy color **57.0570, 0.2830, 0.3593** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1097, 0.3559, 0.3008**, and the grayscale version is **51.6556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9499, 0.2879, 0.3394**, and **28.3244, 0.2749, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **54.9385, 0.2747, 0.3712**, and if you desaturate by 10%, it is **59.5595, 0.2923, 0.3483**.

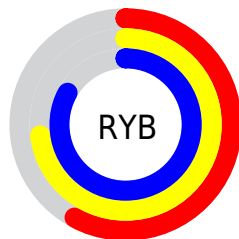
# Distribution



Red (58%)

Green (83%)

Blue (74%)



Red (58%)

Yellow (73%)

Blue (83%)

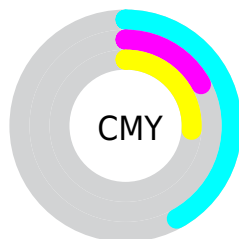


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (42%)

Magenta (17%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0570, 0.2830, 0.3593 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 57.0570, 0.2830, 0.3593 by changing the saturation by 10% instead.




 57.0570, 0.2830,  
0.3593

 57.0570, 0.2830,  
0.3593


413.6629, 0.2975,  
0.3444

 41.0510, 0.2795,  
0.3630


 100.5484, 0.2882,  
0.3539

 28.3589, 0.2751,  
0.3676


 128.8025, 0.2901,  
0.3519

 18.5964, 0.2693,  
0.3738


161.9082, 0.2918,  
0.3502

 11.3790, 0.2614,  
0.3822

200.2497, 0.2933,  
0.3487

 6.3224, 0.2500,  
0.3946

244.2116, 0.2945,  
0.3474

 3.0421, 0.2323,  
0.4143

294.1781, 0.2956,

 1.1537, 0.1837,

0.3463

0.4609

350.5337, 0.2966,  
0.3453

■ 0.0234, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.0570, 0.2830,  
0.3593

■ 57.0570, 0.2830,  
0.3593

■ 54.9385, 0.2747,  
0.3712

■ 59.5595, 0.2923,  
0.3483

■ 53.1770, 0.2676,  
0.3840


■ 62.4576, 0.3022,  
0.3382


■ 51.7529, 0.2621,  
0.3973

■ 65.7710, 0.3125,  
0.3292


■ 50.6418, 0.2584,  
0.4111


■ 69.5158, 0.3230,  
0.3211

 49.8157, 0.2567,  
0.4251


 73.7075, 0.3334,  
0.3139


 49.2417, 0.2570,  
0.4389

 74.3299, 0.3287,  
0.3064

 48.8654, 0.2589,  
0.4522

 74.7784, 0.3234,  
0.2991

 75.2459, 0.3181,  
0.2918

 75.5702, 0.3147,  
0.2871

# Harmonies

## Analogous

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



57.0570, 0.3151, 0.3826



57.0570, 0.2830, 0.3593



57.0570, 0.2597, 0.3273

# Triad

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



57.0570, 0.2830, 0.3593



57.0570, 0.2766, 0.2741



57.0570, 0.3796, 0.3545

# Complementary

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



57.0570, 0.2830, 0.3593



38.1097, 0.3559, 0.3008

# 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.



57.0570, 0.3684, 0.3269



57.0570, 0.2830, 0.3593



57.0570, 0.3075, 0.2821

# Square

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



57.0570, 0.2830, 0.3593



57.0570, 0.2562, 0.2792



57.0570, 0.3414, 0.3010



57.0570, 0.3716, 0.3775



# Rectangle

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



57.0570, 0.2830, 0.3593



57.0570, 0.2516, 0.3069



57.0570, 0.3414, 0.3010



57.0570, 0.3780, 0.3454

# Sweetspot

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



57.0593, 0.2830, 0.3593



95.3850, 0.3033, 0.3372



57.9368, 0.3259, 0.4124



20.2673, 0.3018, 0.3386



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

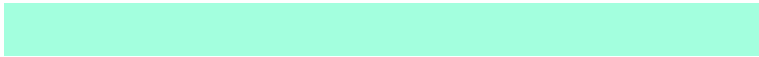


# Same Dimension

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



57.0593, 0.2830, 0.3593



84.6044, 0.2777, 0.3666



53.9816, 0.2682, 0.3178



14.0287, 0.3030, 0.3375



30.1848, 0.2584, 0.4502



1.8362, 0.2519, 0.4267



# Inverse Universe

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



38.1097, 0.3559, 0.3008



51.5177, 0.3683, 0.2948



40.0857, 0.3770, 0.3398



12.4937, 0.3235, 0.3207



8.9814, 0.5528, 0.2819



0.5573, 0.5049, 0.2555



# Previews

## White Background



This preview shows how the Yxy color 57.0570, 0.2830, 0.3593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

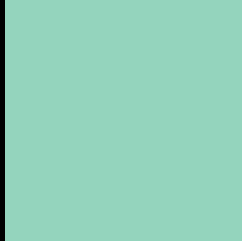
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.0570, 0.2830, 0.3593 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

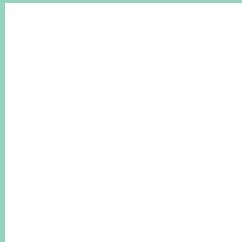
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 57.0570, 0.2830, 0.3593**

## Background



This preview shows how black text looks on a background with the Yxy color 57.0570, 0.2830, 0.3593.



This preview shows how white text looks on a background with the Yxy color 57.0570, 0.2830, 0.3593.

# 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

57.0570, 0.2830, 0.3593

### Protanopia

56.3905, 0.3320, 0.3483

### Deuteranopia

56.6096, 0.3342, 0.3279



## Tritanopia

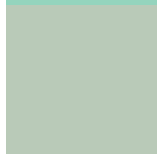
56.9760, 0.2661, 0.3077

# Trichromacy



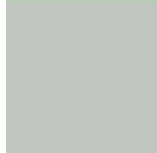
## Original Color

57.0570, 0.2830, 0.3593



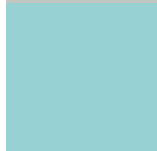
## Protanomaly

56.0160, 0.3124, 0.3516



## Deuteranomaly

55.9901, 0.3131, 0.3376



## Tritanomaly

56.9795, 0.2721, 0.3263

# Monochromacy



## Original Color

57.0570, 0.2830, 0.3593



## Achromatopsia

51.4918, 0.3127, 0.3290



## Achromatomaly

53.2198, 0.3006, 0.3392

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.0570, 0.2830, 0.3593 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, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(148, 212, 189)  
}
```

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, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 212, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 57.0570, 0.2830, 0.3593 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, 212, 189) }
```

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

```
.border{ border-color:rgb(148, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 212, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 212, 189);  
box-shadow:4px 4px 4px 4px rgb(148, 212,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.0570, 0.2830, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 212, 189) }
```

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

```
.background{ background-color: rgb(148,  
212, 189) }
```

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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