

# Converting Colors

Yxy(58.6116, 0.3015, 0.3562)

Have a look what the booklet for  
Yxy(58.6116, 0.3015, 0.3562)  
contains.

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# Color

**Yxy(58.7227, 0.3012, 0.3568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AED2BC
RGB	174, 210, 188
RGB Percent	68%, 82%, 74%
CMY	0.3178, 0.1764, 0.2628
CMYK	0.17, 0.00, 0.10, 0.18
HSL	143°, 29%, 75%
HSV	143°, 17%, 82%
XYZ	49.5720, 58.7227, 56.2869
YIQ	196.7280, -14.3940, -14.4740

# Conversions

## Conversions Part 2

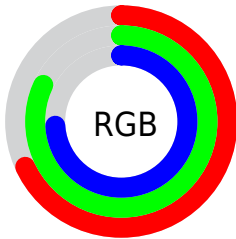
Format	Color
<b>RYB</b>	174, 200, 210
Decimal	11457212
CIELab	81.14, -16.23, 6.97
CIELCh	81, 17.662, 156.768
Yxy	58.7227, 0.3012, 0.3568
Android (android.graphics.Color)	4289647292 (0xFFAED2BC)
YUV	196.7280, -4.3029, -19.9325
Hunter-Lab	76.6307, -18.6332, 10.0918

# Details

The Yxy color **58.7227, 0.3012, 0.3568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9492, 0.3263, 0.3027**, and the grayscale version is **55.6923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8746, 0.3036, 0.3400**, and **29.2569, 0.2977, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **55.9700, 0.2948, 0.3756**, and if you desaturate by 10%, it is **61.9067, 0.3079, 0.3399**.

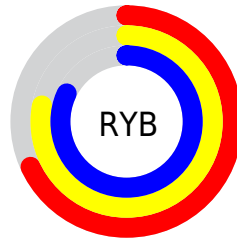
# Distribution



Red (68%)

Green (82%)

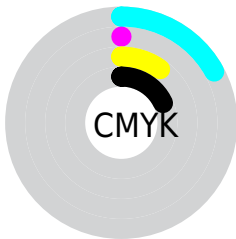
Blue (74%)



Red (68%)

Yellow (78%)

Blue (82%)

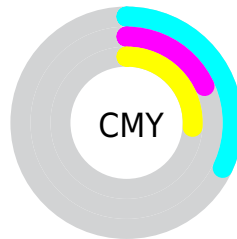


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7227, 0.3012, 0.3568 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 58.7227, 0.3012, 0.3568 by changing the saturation by 10% instead.



 58.7227, 0.3012,  
0.3568

 58.7227, 0.3012,  
0.3568

419.8735, 0.3069,  
0.3432

 42.3899, 0.2998,  
0.3601


 102.9745, 0.3032,  
0.3519

 29.4067, 0.2980,  
0.3644


131.6624, 0.3040,  
0.3500

 19.3887, 0.2957,  
0.3699


165.2374, 0.3047,  
0.3485

 11.9515, 0.2925,  
0.3776

204.0839, 0.3052,  
0.3471

 6.7107, 0.2878,  
0.3887

248.5864, 0.3057,  
0.3459

 3.2818, 0.2803,  
0.4064

299.1293, 0.3062,

 1.2806, 0.2664,

0.3449

0.4398

356.0968, 0.3065,  
0.3440

0.1261, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

58.7227, 0.3012,  
0.3568

58.7227, 0.3012,  
0.3568

55.9700, 0.2948,  
0.3756

61.9067, 0.3079,  
0.3399

53.6224, 0.2890,  
0.3962


65.5321, 0.3146,  
0.3249

51.6622, 0.2840,  
0.4184


69.6180, 0.3213,  
0.3117

50.0675, 0.2802,  
0.4418


73.6117, 0.3256,  
0.2999


 48.8139, 0.2779,  
0.4657


 74.3991, 0.3167,  
0.2877

 47.8742, 0.2773,  
0.4893

 74.5801, 0.3148,  
0.2851

 47.2166, 0.2786,  
0.5117

 46.7989, 0.2817,  
0.5321

 46.7038, 0.2826,  
0.5375

# Harmonies

## Analogous

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



58.7227, 0.3241, 0.3682



58.7227, 0.3012, 0.3568



58.7227, 0.2819, 0.3372

# Triad

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



58.7227, 0.3012, 0.3568



58.7227, 0.2810, 0.2913



58.7227, 0.3565, 0.3395

# Complementary

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



58.7227, 0.3012, 0.3568



47.9492, 0.3263, 0.3027

# 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.



58.7227, 0.3441, 0.3201



58.7227, 0.3012, 0.3568



58.7227, 0.3001, 0.2930

# Square

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



58.7227, 0.3012, 0.3568



58.7227, 0.2705, 0.2993



58.7227, 0.3232, 0.3034



58.7227, 0.3566, 0.3571



# Rectangle

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



58.7227, 0.3012, 0.3568



58.7227, 0.2734, 0.3227



58.7227, 0.3232, 0.3034



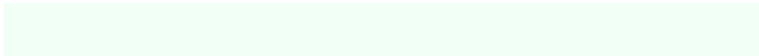
58.7227, 0.3536, 0.3330

# Sweetspot

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



58.7252, 0.3012, 0.3568



97.1697, 0.3093, 0.3366



60.9170, 0.3275, 0.3728



20.7162, 0.3088, 0.3377



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

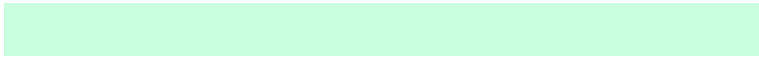


# Same Dimension

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



58.7252, 0.3012, 0.3568



89.2882, 0.2985, 0.3642



59.5421, 0.2896, 0.3341



13.2813, 0.3064, 0.3435



28.5027, 0.2819, 0.5347



1.6091, 0.2714, 0.4971



# Inverse Universe

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



47.9492, 0.3263, 0.3027



69.1945, 0.3301, 0.2962



47.1850, 0.3417, 0.3240



11.9279, 0.3196, 0.3149



9.3346, 0.4483, 0.2244

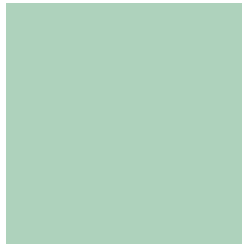


0.5372, 0.4189, 0.2081



# Previews

## White Background



This preview shows how the Yxy color 58.7227, 0.3012, 0.3568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

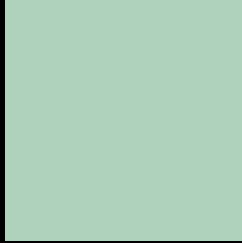
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.7227, 0.3012, 0.3568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

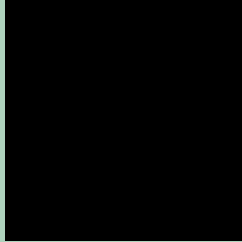
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

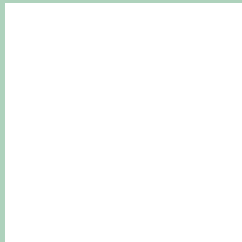
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 58.7227, 0.3012, 0.3568**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.7227, 0.3012, 0.3568.

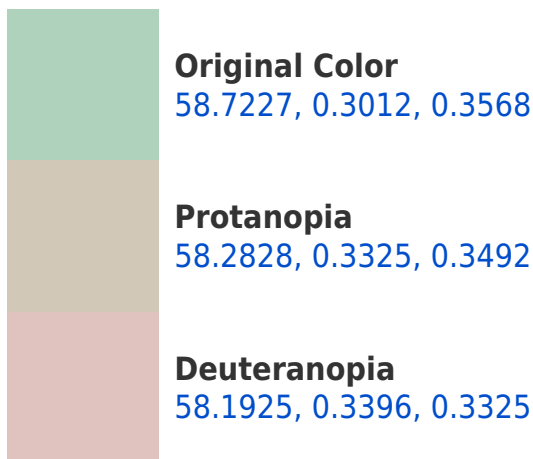


This preview shows how white text looks on a background with the Yxy color 58.7227, 0.3012, 0.3568.

# 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

58.5864, 0.2839, 0.3097

# Trichromacy



## Original Color

58.7227, 0.3012, 0.3568

## Protanomaly

58.4243, 0.3201, 0.3521

## Deuteranomaly

58.1481, 0.3248, 0.3409

## Tritanomaly

58.6941, 0.2903, 0.3265

# Monochromacy



## Original Color

58.7227, 0.3012, 0.3568

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

56.9549, 0.3084, 0.3388

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  58.7227, 0.3012, 0.3568 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(174, 210, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 188)  
}
```

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(174, 210, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 58.7227, 0.3012, 0.3568 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(174, 210, 188) }
```

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

```
.border{ border-color:rgb(174, 210, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 210, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
188) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.7227, 0.3012, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 188) }
```

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

```
.background{ background-color: rgb(174,  
210, 188) }
```

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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