

Converting Colors

$Yxy(58.4872, 0.2950, 0.3580)$

Have a look what the booklet for
Yxy(58.4872, 0.2950, 0.3580)
contains.

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Color

Yxy(58.3696, 0.2949, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	A6D3BD
RGB	166, 211, 189
RGB Percent	65%, 83%, 74%
CMY	0.3491, 0.1725, 0.2587
CMYK	0.21, 0.00, 0.10, 0.17
HSL	151°, 34%, 74%
HSV	151°, 21%, 83%
XYZ	48.2027, 58.3696, 56.8822
YIQ	195.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

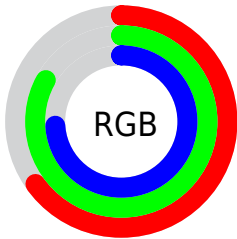
Format	Color
R _Y B	166, 196, 211
Decimal	10933181
CIE Lab	80.94, -19.13, 6.07
CIE LCh	81, 20.068, 162.404
Yxy	58.3696, 0.2949, 0.3571
Android (android.graphics.Color)	4289123261 (0xFFA6D3BD)
YUV	195.0370, -2.9762, -25.4654
Hunter-Lab	76.4000, -21.0797, 9.3368

Details

The Yxy color **58.3696, 0.2949, 0.3571** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7416, 0.3352, 0.3025**, and the grayscale version is **54.6222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6422, 0.2983, 0.3391**, and **29.0652, 0.2897, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **55.8444, 0.2872, 0.3725**, and if you desaturate by 10%, it is **61.3055, 0.3031, 0.3431**.

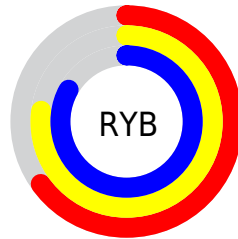
Distribution



Red (65%)

Green (83%)

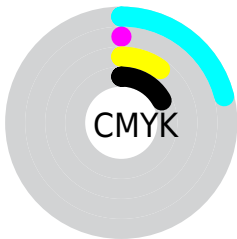
Blue (74%)



Red (65%)

Yellow (77%)

Blue (83%)

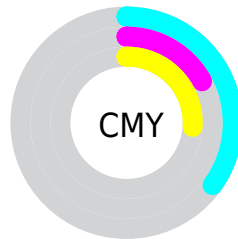


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (35%)


Magenta (17%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3696, 0.2949, 0.3571 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 58.3696, 0.2949, 0.3571 by changing the saturation by 10% instead.


 58.3696, 0.2949,
0.3571

 58.3696, 0.2949,
0.3571


418.5617, 0.3036,
0.3433

 42.1059, 0.2928,
0.3605


 102.4609, 0.2980,
0.3521

 29.1842, 0.2901,
0.3648

 131.0572, 0.2992,
0.3503

 19.2202, 0.2866,
0.3704


164.5332, 0.3002,
0.3487

 11.8295, 0.2818,
0.3782

203.2732, 0.3011,
0.3473

 6.6277, 0.2748,
0.3895

247.6617, 0.3018,
0.3461

 3.2304, 0.2638,
0.4075

298.0830, 0.3025,

 1.2532, 0.2417,

0.3451

0.4424

354.9216, 0.3031,
0.3441

■ 0.1045, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3696, 0.2949,
0.3571

■ 58.3696, 0.2949,
0.3571

■ 55.8444, 0.2872,
0.3725

■ 61.3055, 0.3031,
0.3431

■ 53.7038, 0.2804,
0.3893


■ 64.6625, 0.3116,
0.3306


■ 51.9297, 0.2747,
0.4072

■ 68.4596, 0.3201,
0.3194


■ 50.4999, 0.2705,
0.4259


■ 72.7124, 0.3286,
0.3096

 49.3892, 0.2680,
0.4451


 74.1756, 0.3247,
0.2998

 48.5694, 0.2676,
0.4643

 74.8072, 0.3176,
0.2900

 48.0065, 0.2691,
0.4829

 75.0729, 0.3147,
0.2861

 47.6756, 0.2717,
0.4982

Harmonies

Analogous

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



58.3696, 0.3207, 0.3724



58.3696, 0.2949, 0.3571



58.3696, 0.2745, 0.3335

Triad

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



58.3696, 0.2949, 0.3571



58.3696, 0.2802, 0.2858



58.3696, 0.3638, 0.3448

Complementary

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



58.3696, 0.2949, 0.3571



44.7416, 0.3352, 0.3025

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.



58.3696, 0.3521, 0.3229



58.3696, 0.2949, 0.3571



58.3696, 0.3031, 0.2898

Square

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



58.3696, 0.2949, 0.3571



58.3696, 0.2662, 0.2927



58.3696, 0.3295, 0.3031



58.3696, 0.3611, 0.3638

Rectangle

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



58.3696, 0.2949, 0.3571



58.3696, 0.2663, 0.3172



58.3696, 0.3295, 0.3031



58.3696, 0.3614, 0.3375

Sweetspot

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



58.3720, 0.2949, 0.3571



96.7410, 0.3075, 0.3363



60.0989, 0.3269, 0.3850



20.6338, 0.3070, 0.3372



0.0000, 0.0000, 0.0000



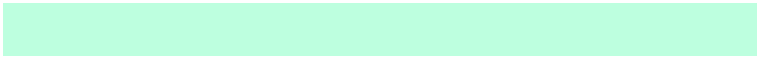
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3720, 0.2949, 0.3571



87.6085, 0.2910, 0.3645



59.4005, 0.2812, 0.3289



13.3058, 0.3047, 0.3406



28.7903, 0.2710, 0.4956



1.6258, 0.2618, 0.4625

Inverse Universe

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



44.7416, 0.3352, 0.3025



62.7502, 0.3418, 0.2961



43.8647, 0.3555, 0.3291



11.9031, 0.3215, 0.3177



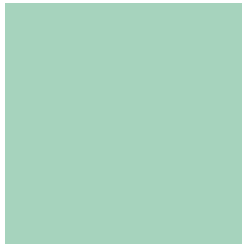
8.9694, 0.4995, 0.2525



0.5175, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 58.3696, 0.2949, 0.3571 looks on a white background.

Color Contrast Check

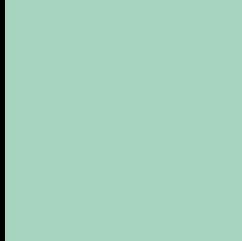
Large Text (above 18pt) WCAG AA × Fail

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 58.3696, 0.2949, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

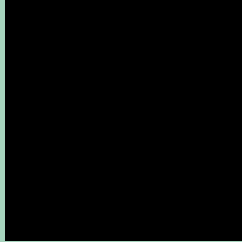
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

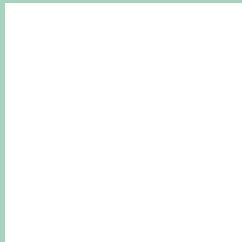
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3696, 0.2949, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 58.3696, 0.2949, 0.3571.

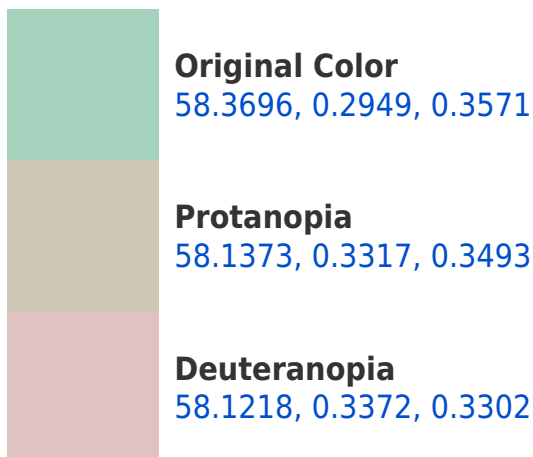


This preview shows how white text looks on a background with the Yxy color 58.3696, 0.2949, 0.3571.

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

58.2410, 0.2774, 0.3083

Trichromacy



Original Color

58.3696, 0.2949, 0.3571

Protanomaly

58.0260, 0.3178, 0.3523

Deuteranomaly

57.6709, 0.3201, 0.3386

Tritanomaly

58.3609, 0.2836, 0.3252

Monochromacy



Original Color

58.3696, 0.2949, 0.3571

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.8139, 0.3053, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3696, 0.2949, 0.3571 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(166, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(166, 211, 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(166, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 211, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.3696, 0.2949, 0.3571 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(166, 211, 189) }
```

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

```
.border{ border-color:rgb(166, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 211, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 211, 189);  
box-shadow:4px 4px 4px 4px rgb(166, 211,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3696, 0.2949, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 211, 189) }
```

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

```
.background{ background-color: rgb(166,  
211, 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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