

Converting Colors

$Yxy(57.0549, 0.3060, 0.3764)$

Have a look what the booklet for
Yxy(57.0549, 0.3060, 0.3764)
contains.

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Color

Yxy(56.8335, 0.3061, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	A7D1AD
RGB	167, 209, 173
RGB Percent	65%, 82%, 68%
CMY	0.3451, 0.1804, 0.3215
CMYK	0.20, 0.00, 0.17, 0.18
HSL	129°, 31%, 74%
HSV	129°, 20%, 82%
XYZ	46.2802, 56.8335, 48.0794
YIQ	192.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

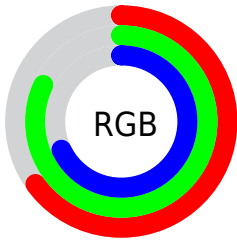
Format	Color
RYB	167, 204, 209
Decimal	10998189
CIELab	80.09, -20.80, 13.37
CIELCh	80, 24.728, 147.280
Yxy	56.8335, 0.3061, 0.3759
Android (android.graphics.Color)	4289188269 (0xFFA7D1AD)
YUV	192.3380, -9.5336, -22.2214
Hunter-Lab	75.3880, -22.3490, 14.9588

Details

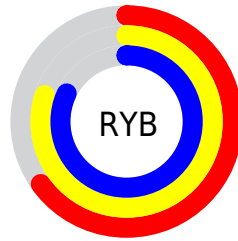
The Yxy color **56.8335, 0.3061, 0.3759** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5007, 0.3201, 0.2862**, and the grayscale version is **52.9841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8094, 0.3083, 0.3568**, and **28.0691, 0.3033, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **54.0934, 0.3028, 0.4035**, and if you desaturate by 10%, it is **60.0391, 0.3094, 0.3511**.

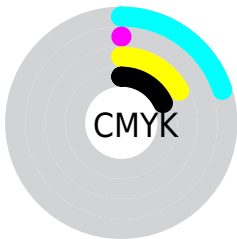
Distribution



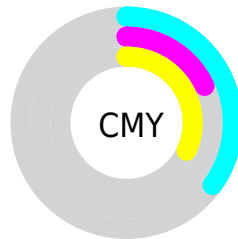
- Red (65%)
- Green (82%)
- Blue (68%)



- Red (65%)
- Yellow (80%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8335, 0.3061, 0.3759 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 56.8335, 0.3061, 0.3759 by changing the saturation by 10% instead.


 56.8335, 0.3061,
0.3759

 56.8335, 0.3061,
0.3759


412.8251, 0.3097,
0.3525

 40.8716, 0.3051,
0.3817


 100.2222, 0.3074,
0.3674

 28.2188, 0.3039,
0.3892


 128.4178, 0.3079,
0.3642

 18.4906, 0.3021,
0.3991


161.4600, 0.3083,
0.3615

 11.3028, 0.2995,
0.4128

199.7333, 0.3087,
0.3592

 6.2709, 0.2954,
0.4332

243.6221, 0.3090,
0.3572

 3.0105, 0.2880,
0.4662

293.5107, 0.3092,

 1.1372, 0.2806,

0.3554

0.5767

349.7836, 0.3095,
0.3539

0.0095, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8335, 0.3061,
0.3759

56.8335, 0.3061,
0.3759

54.0934, 0.3028,
0.4035

60.0391, 0.3094,
0.3511

51.7903, 0.2998,
0.4335

63.7229, 0.3127,
0.3292

49.9035, 0.2972,
0.4650

67.9060, 0.3158,
0.3101

48.4081, 0.2953,
0.4968

72.6062, 0.3188,
0.2935

■ 47.2760, 0.2943,
0.5270

■ 74.0831, 0.3148,
0.2841

■ 46.4758, 0.2944,
0.5536

■ 45.9704, 0.2954,
0.5746

■ 45.6970, 0.2970,
0.5891

Harmonies

Analogous

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



56.8335, 0.3383, 0.3868



56.8335, 0.3061, 0.3759



56.8335, 0.2767, 0.3501

Triad

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



56.8335, 0.3061, 0.3759



56.8335, 0.2622, 0.2782



56.8335, 0.3712, 0.3344

Complementary

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



56.8335, 0.3061, 0.3759



45.5007, 0.3201, 0.2862

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.



56.8335, 0.3487, 0.3084



56.8335, 0.3061, 0.3759



56.8335, 0.2853, 0.2768

Square

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



56.8335, 0.3061, 0.3759



56.8335, 0.2523, 0.2929



56.8335, 0.3168, 0.2878



56.8335, 0.3770, 0.3606

Rectangle

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



56.8335, 0.3061, 0.3759



56.8335, 0.2624, 0.3293



56.8335, 0.3168, 0.2878



56.8335, 0.3653, 0.3254

Sweetspot

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



56.8359, 0.3061, 0.3759



96.3975, 0.3107, 0.3419



61.1459, 0.3383, 0.3794



20.5528, 0.3105, 0.3434



0.0000, 0.0000, 0.0000



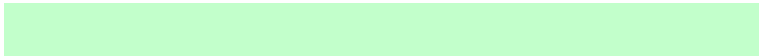
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8359, 0.3061, 0.3759



87.2553, 0.3047, 0.3871



57.6948, 0.2926, 0.3486



13.2336, 0.3096, 0.3495



28.1829, 0.2965, 0.5875



1.5849, 0.2887, 0.5592

Inverse Universe

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



45.5007, 0.3201, 0.2862



66.4211, 0.3219, 0.2771



44.5842, 0.3382, 0.3103



11.9786, 0.3159, 0.3093



10.3750, 0.3606, 0.1760



0.5883, 0.3522, 0.1714

Previews

White Background



This preview shows how the Yxy color 56.8335, 0.3061, 0.3759 looks on a white background.

Color Contrast Check

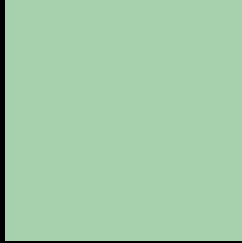
Large Text (above 18pt) WCAG AA × Fail

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 56.8335, 0.3061, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

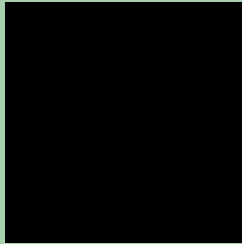
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

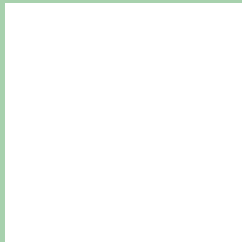
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8335, 0.3061, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 56.8335, 0.3061, 0.3759.



This preview shows how white text looks on a background with the Yxy color 56.8335, 0.3061, 0.3759.

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

56.8335, 0.3061, 0.3759

Protanopia

56.7335, 0.3452, 0.3663

Deuteranopia

56.4435, 0.3524, 0.3452



Tritanopia

56.9403, 0.2816, 0.3094

Trichromacy



Original Color

56.8335, 0.3061, 0.3759

Protanomaly

56.5750, 0.3305, 0.3700

Deuteranomaly

56.3601, 0.3341, 0.3557

Tritanomaly

56.6976, 0.2905, 0.3327

Monochromacy



Original Color

56.8335, 0.3061, 0.3759

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.9582, 0.3104, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8335, 0.3061, 0.3759 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(167, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 173)  
}
```

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(167, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.8335, 0.3061, 0.3759 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(167, 209, 173) }
```

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

```
.border{ border-color:rgb(167, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8335, 0.3061, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 173) }
```

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

```
.background{ background-color: rgb(167,  
209, 173) }
```

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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