

Converting Colors

$Yxy(57.9751, 0.2985, 0.3477)$

Have a look what the booklet for
Yxy(57.9751, 0.2985, 0.3477)
contains.

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Color

Yxy(58.0760, 0.2986, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0C1
RGB	175, 208, 193
RGB Percent	69%, 82%, 76%
CMY	0.3138, 0.1843, 0.2431
CMYK	0.16, 0.00, 0.07, 0.18
HSL	153°, 26%, 75%
HSV	153°, 16%, 82%
XYZ	49.8605, 58.0760, 59.0445
YIQ	196.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

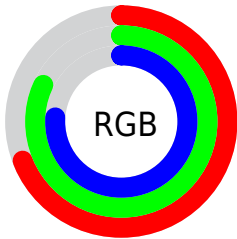
Format	Color
RYB	175, 196, 208
Decimal	11522241
CIELab	80.78, -13.91, 3.77
CIElCh	81, 14.410, 164.832
Yxy	58.0760, 0.2986, 0.3478
Android (android.graphics.Color)	4289712321 (0xFFAFD0C1)
YUV	196.4230, -1.6875, -18.7880
Hunter-Lab	76.2076, -16.5757, 7.4083

Details

The Yxy color **58.0760, 0.2986, 0.3478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7837, 0.3295, 0.3109**, and the grayscale version is **55.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3485, 0.3015, 0.3349**, and **29.1422, 0.2943, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **55.4461, 0.2902, 0.3613**, and if you desaturate by 10%, it is **61.1084, 0.3074, 0.3356**.

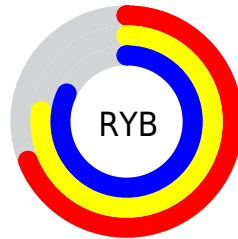
Distribution



Red (69%)

Green (82%)

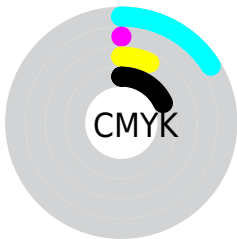
Blue (76%)



Red (69%)

Yellow (77%)

Blue (82%)

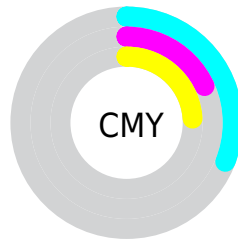


Cyan (16%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0760, 0.2986, 0.3478 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 58.0760, 0.2986, 0.3478 by changing the saturation by 10% instead.

■ 58.0760, 0.2986,
0.3478

■ 58.0760, 0.2986,
0.3478

417.4691, 0.3055,
0.3386

■ 41.8698, 0.2969,
0.3500

■ 102.0335, 0.3011,
0.3445

■ 28.9993, 0.2948,
0.3529

130.5536, 0.3020,
0.3433

■ 19.0803, 0.2921,
0.3566

163.9470, 0.3028,
0.3422

■ 11.7283, 0.2884,
0.3616

202.5983, 0.3035,
0.3413

■ 6.5590, 0.2830,
0.3690

246.8917, 0.3041,
0.3405

■ 3.1878, 0.2746,
0.3806

297.2117, 0.3046,

■ 1.2306, 0.2595,

0.3398

0.4017

353.9427, 0.3050,
0.3392

0.0865, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.0760, 0.2986,
0.3478

58.0760, 0.2986,
0.3478

55.4461, 0.2902,
0.3613

61.1084, 0.3074,
0.3356

53.1940, 0.2825,
0.3762


64.5522, 0.3164,
0.3246

51.3034, 0.2758,
0.3921

68.4254, 0.3255,
0.3149


49.7539, 0.2704,
0.4090


72.1319, 0.3319,
0.3062

 48.5230, 0.2667,
0.4266


 72.6792, 0.3251,
0.2970


 47.5854, 0.2648,
0.4445

 73.2558, 0.3185,
0.2881

 46.9117, 0.2650,
0.4622

 73.5944, 0.3149,
0.2831

 46.4656, 0.2672,
0.4793

 46.3200, 0.2684,
0.4861

Harmonies

Analogous

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



58.0760, 0.3171, 0.3593



58.0760, 0.2986, 0.3478



58.0760, 0.2841, 0.3310

Triad

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



58.0760, 0.2986, 0.3478



58.0760, 0.2904, 0.2975



58.0760, 0.3496, 0.3420

Complementary

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



58.0760, 0.2986, 0.3478



47.7837, 0.3295, 0.3109

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.



58.0760, 0.3420, 0.3260



58.0760, 0.2986, 0.3478



58.0760, 0.3074, 0.3009

Square

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



58.0760, 0.2986, 0.3478



58.0760, 0.2795, 0.3022



58.0760, 0.3264, 0.3112



58.0760, 0.3469, 0.3552

Rectangle

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



58.0760, 0.2986, 0.3478



58.0760, 0.2786, 0.3195



58.0760, 0.3264, 0.3112



58.0760, 0.3481, 0.3368

Sweetspot

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



58.0784, 0.2986, 0.3478



97.2943, 0.3082, 0.3346



59.2076, 0.3225, 0.3698



20.7465, 0.3075, 0.3355



0.0000, 0.0000, 0.0000



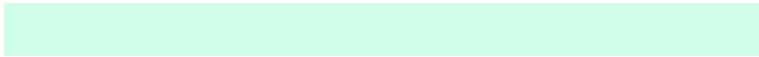
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0784, 0.2986, 0.3478



90.6043, 0.2957, 0.3522



58.2468, 0.2888, 0.3276



13.3127, 0.3043, 0.3398



28.8872, 0.2677, 0.4838



1.6311, 0.2591, 0.4526

Inverse Universe

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



47.7837, 0.3295, 0.3109



71.2995, 0.3337, 0.3069



47.5919, 0.3423, 0.3304



11.8962, 0.3220, 0.3185



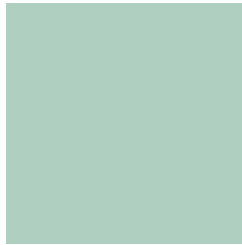
8.8851, 0.5138, 0.2604



0.5127, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 58.0760, 0.2986, 0.3478 looks on a white background.

Color Contrast Check

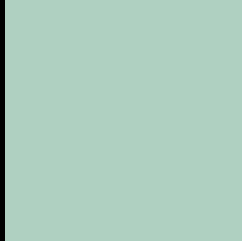
Large Text (above 18pt) WCAG AA × Fail

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 58.0760, 0.2986, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

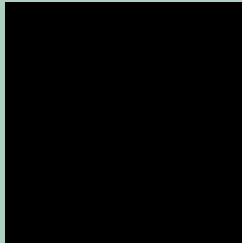
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

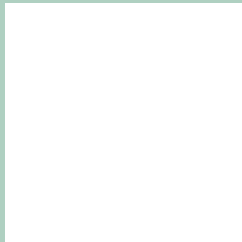
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0760, 0.2986, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 58.0760, 0.2986, 0.3478.



This preview shows how white text looks on a background with the Yxy color 58.0760, 0.2986, 0.3478.

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

58.0563, 0.2845, 0.3096

Trichromacy



Original Color

58.0760, 0.2986, 0.3478

Protanomaly

57.5609, 0.3159, 0.3436

Deuteranomaly

57.6243, 0.3196, 0.3338

Tritanomaly

57.7808, 0.2895, 0.3228

Monochromacy



Original Color

58.0760, 0.2986, 0.3478

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9400, 0.3070, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0760, 0.2986, 0.3478 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(175, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 193)  
}
```

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(175, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.0760, 0.2986, 0.3478 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(175, 208, 193) }
```

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

```
.border{ border-color:rgb(175, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0760, 0.2986, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 193) }
```

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

```
.background{ background-color: rgb(175,  
208, 193) }
```

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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