

Converting Colors

$Yxy(56.6813, 0.2973, 0.3403)$

Have a look what the booklet for
Yxy(56.6813, 0.2973, 0.3403)
contains.

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Color

Yxy(56.8783, 0.2973, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	B0CDC4
RGB	176, 205, 196
RGB Percent	69%, 80%, 77%
CMY	0.3100, 0.1960, 0.2314
CMYK	0.14, 0.00, 0.04, 0.20
HSL	161°, 23%, 75%
HSV	161°, 14%, 80%
XYZ	49.6912, 56.8783, 60.5721
YIQ	195.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

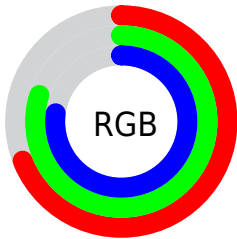
Format	Color
RYB	176, 193, 205
Decimal	11587012
CIELab	80.11, -11.48, 1.22
CIElCh	80, 11.542, 173.929
Yxy	56.8783, 0.2973, 0.3403
Android (android.graphics.Color)	4289777092 (0xFFB0CDC4)
YUV	195.3030, 0.3436, -16.9287
Hunter-Lab	75.4177, -14.3709, 5.1733

Details

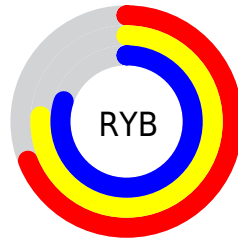
The Yxy color **56.8783, 0.2973, 0.3403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5200, 0.3309, 0.3180**, and the grayscale version is **54.7644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7677, 0.2998, 0.3309**, and **28.2972, 0.2934, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **54.3850, 0.2870, 0.3493**, and if you desaturate by 10%, it is **59.7496, 0.3081, 0.3322**.

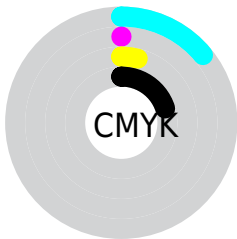
Distribution



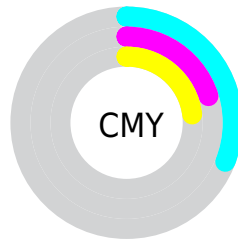
- Red (69%)
- Green (80%)
- Blue (77%)



- Red (69%)
- Yellow (76%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8783, 0.2973, 0.3403 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 56.8783, 0.2973, 0.3403 by changing the saturation by 10% instead.


 56.8783, 0.2973,
0.3403

 56.8783, 0.2973,
0.3403


412.9931, 0.3048,
0.3348

 40.9075, 0.2955,
0.3416


 100.2876, 0.3000,
0.3383

 28.2468, 0.2932,
0.3433


128.4949, 0.3010,
0.3376

 18.5118, 0.2903,
0.3455


161.5499, 0.3018,
0.3370

 11.3181, 0.2863,
0.3485

199.8369, 0.3026,
0.3364

 6.2812, 0.2805,
0.3528

243.7403, 0.3032,
0.3359

 3.0168, 0.2716,
0.3595

293.6446, 0.3038,

 1.1405, 0.2555,

0.3355

0.3718

349.9340, 0.3043,
0.3351

0.0123, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8783, 0.2973,
0.3403

56.8783, 0.2973,
0.3403

54.3850, 0.2870,
0.3493

59.7496, 0.3081,
0.3322

52.2463, 0.2776,
0.3590

63.0069, 0.3192,
0.3248

50.4470, 0.2692,
0.3695

66.6671, 0.3304,
0.3183

48.9681, 0.2623,
0.3806

70.1765, 0.3392,
0.3124

■ 47.7887, 0.2571,
0.3922

■ 70.5238, 0.3344,
0.3061

■ 46.8852, 0.2537,
0.4040

■ 70.8842, 0.3297,
0.2998

■ 46.2305, 0.2524,
0.4159

■ 71.2578, 0.3251,
0.2937

■ 45.7918, 0.2530,
0.4277

■ 71.6447, 0.3206,
0.2876

■ 45.6012, 0.2540,
0.4345

■ 72.0450, 0.3161,
0.2817

Harmonies

Analogous

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



56.8783, 0.3117, 0.3511



56.8783, 0.2973, 0.3403



56.8783, 0.2872, 0.3264

Triad

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



56.8783, 0.2973, 0.3403



56.8783, 0.2985, 0.3036



56.8783, 0.3426, 0.3433

Complementary

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



56.8783, 0.2973, 0.3403



47.5200, 0.3309, 0.3180

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.



56.8783, 0.3389, 0.3307



56.8783, 0.2973, 0.3403



56.8783, 0.3132, 0.3082

Square

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



56.8783, 0.2973, 0.3403



56.8783, 0.2878, 0.3055



56.8783, 0.3281, 0.3180



56.8783, 0.3380, 0.3525

Rectangle

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



56.8783, 0.2973, 0.3403



56.8783, 0.2840, 0.3176



56.8783, 0.3281, 0.3180



56.8783, 0.3423, 0.3393

Sweetspot

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



56.8807, 0.2973, 0.3403



97.9139, 0.3082, 0.3321



57.1379, 0.3180, 0.3655



20.8761, 0.3074, 0.3327



0.0000, 0.0000, 0.0000



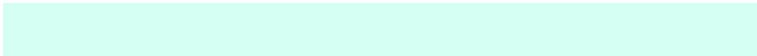
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8807, 0.2973, 0.3403



91.8471, 0.2941, 0.3429



54.7991, 0.2911, 0.3223



12.6653, 0.3024, 0.3363



28.4013, 0.2535, 0.4328



1.4784, 0.2472, 0.4099

Inverse Universe

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



47.5200, 0.3309, 0.3180



73.6155, 0.3356, 0.3155



49.2799, 0.3378, 0.3356



11.2702, 0.3242, 0.3218



8.3238, 0.5703, 0.2915



0.4431, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 56.8783, 0.2973, 0.3403 looks on a white background.

Color Contrast Check

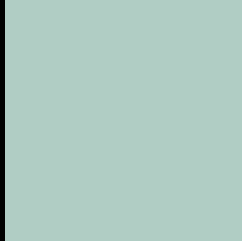
Large Text (above 18pt) WCAG AA × Fail

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 56.8783, 0.2973, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

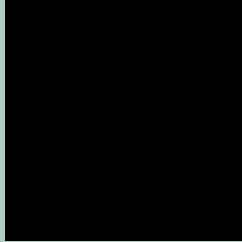
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

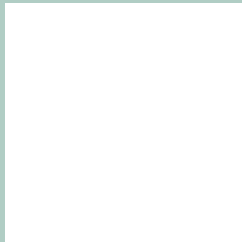
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8783, 0.2973, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 56.8783, 0.2973, 0.3403.

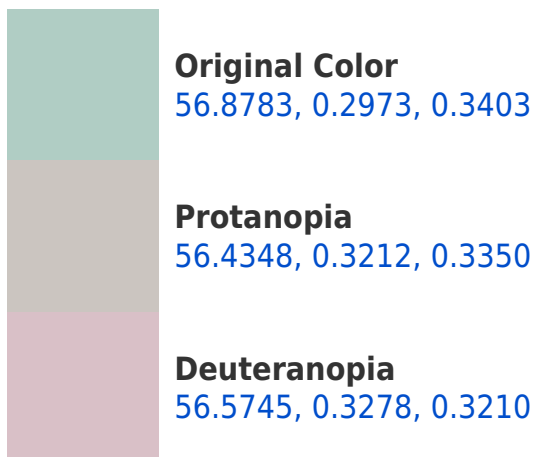


This preview shows how white text looks on a background with the Yxy color 56.8783, 0.2973, 0.3403.

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

57.0063, 0.2856, 0.3095

Trichromacy



Original Color

56.8783, 0.2973, 0.3403

Protanomaly

56.4963, 0.3123, 0.3376

Deuteranomaly

56.5663, 0.3159, 0.3278

Tritanomaly

56.9487, 0.2901, 0.3203

Monochromacy



Original Color

56.8783, 0.2973, 0.3403

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4783, 0.3070, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8783, 0.2973, 0.3403 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(176, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 196)  
}
```

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(176, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.8783, 0.2973, 0.3403 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(176, 205, 196) }
```

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

```
.border{ border-color:rgb(176, 205, 196) }
```

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

Here you see how a box with a 4 pixel rgb(176, 205, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8783, 0.2973, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 196) }
```

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

```
.background{ background-color: rgb(176,  
205, 196) }
```

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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