

Converting Colors

$Yxy(54.8854, 0.2881, 0.3271)$

Have a look what the booklet for
Yxy(54.8854, 0.2881, 0.3271)
contains.

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Color

Yxy(55.0989, 0.2883, 0.3277)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AACACB |
| RGB | 170, 202, 203 |
| RGB Percent | 67%, 79%, 80% |
| CMY | 0.3334, 0.2078, 0.2040 |
| CMYK | 0.16, 0.00, 0.00, 0.20 |
| HSL | 182°, 24%, 73% |
| HSV | 182°, 16%, 80% |
| XYZ | 48.4743, 55.0989, 64.5651 |
| YIQ | 192.5460, -19.3930, -6.4730 |

Conversions

Conversions Part 2

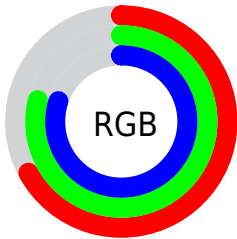
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 186, 203 |
| Decimal | 11193035 |
| CIELab | 79.10, -10.43, -4.06 |
| CIElCh | 79, 11.191, 201.291 |
| Yxy | 55.0989, 0.2883, 0.3277 |
| Android (android.graphics.Color) | 4289383115 (0xFFAACACB) |
| YUV | 192.5460, 5.1538, -19.7728 |
| Hunter-Lab | 74.2286, -13.3325, 0.3888 |

Details

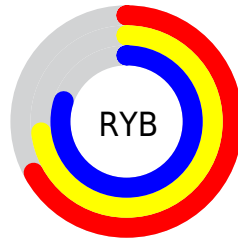
The Yxy color **55.0989, 0.2883, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7079, 0.3431, 0.3303**, and the grayscale version is **53.0258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **27.1316, 0.2816, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **52.7317, 0.2745, 0.3268**, and if you desaturate by 10%, it is **57.8210, 0.3031, 0.3285**.

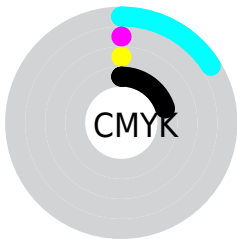
Distribution



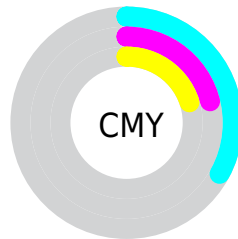
- Red (67%)
- Green (79%)
- Blue (80%)



- Red (67%)
- Yellow (73%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0989, 0.2883, 0.3277 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 55.0989, 0.2883, 0.3277 by changing the saturation by 10% instead.


 55.0989, 0.2883,
0.3277

 55.0989, 0.2883,
0.3277


406.2867, 0.3001,
0.3284

 39.4809, 0.2855,
0.3275


 97.6858, 0.2925,
0.3280

 27.1341, 0.2819,
0.3272

125.4236, 0.2941,
0.3281

 17.6739, 0.2773,
0.3268


157.9700, 0.2955,
0.3282

 10.7161, 0.2710,
0.3262

195.7096, 0.2966,
0.3282

 5.8763, 0.2620,
0.3253

239.0266, 0.2977,
0.3283

 2.7700, 0.2482,
0.3236

288.3056, 0.2986,

 1.0129, 0.2225,

0.3284

343.9308, 0.2994,
0.3284

0.3206

0.0000, 0.0000,
0.0000

55.0989, 0.2883,
0.3277

55.0989, 0.2883,
0.3277

52.7317, 0.2745,
0.3268

57.8210, 0.3031,
0.3285

50.6965, 0.2619,
0.3259

60.9061, 0.3186,
0.3293

48.9786, 0.2508,
0.3249

64.3706, 0.3344,
0.3300

47.5589, 0.2414,
0.3240

68.2277, 0.3504,
0.3306

46.4170, 0.2340,
0.3230

69.2286, 0.3533,
0.3312

■ 45.5292, 0.2284,
0.3220

■ 69.5144, 0.3532,
0.3318

■ 44.8685, 0.2247,
0.3210

■ 69.8013, 0.3530,
0.3324

■ 44.4002, 0.2227,
0.3201

■ 70.0894, 0.3529,
0.3330

■ 44.2494, 0.2222,
0.3197

■ 70.3785, 0.3528,
0.3336

Harmonies

Analogous

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



55.0989, 0.2987, 0.3412



55.0989, 0.2883, 0.3277



55.0989, 0.2843, 0.3150

Triad

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



55.0989, 0.2883, 0.3277



55.0989, 0.3119, 0.3080



55.0989, 0.3382, 0.3515

Complementary

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



55.0989, 0.2883, 0.3277



44.7079, 0.3431, 0.3303

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.



55.0989, 0.3420, 0.3420



55.0989, 0.2883, 0.3277



55.0989, 0.3266, 0.3172

Square

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



55.0989, 0.2883, 0.3277



55.0989, 0.2977, 0.3040



55.0989, 0.3377, 0.3295



55.0989, 0.3275, 0.3550

Rectangle

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



55.0989, 0.2883, 0.3277



55.0989, 0.2857, 0.3087



55.0989, 0.3377, 0.3295



55.0989, 0.3403, 0.3488

Sweetspot

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



55.1012, 0.2883, 0.3277



97.4227, 0.3049, 0.3286



54.1696, 0.3103, 0.3716



20.7777, 0.3038, 0.3286



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.



55.1012, 0.2883, 0.3277



91.0358, 0.2840, 0.3274



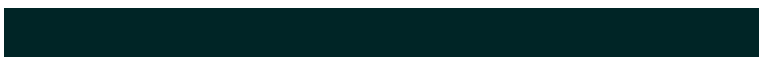
47.9474, 0.2874, 0.3069



12.6683, 0.2984, 0.3283



28.1919, 0.2222, 0.3198



1.4726, 0.2227, 0.3217

Inverse Universe

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



45.7058, 0.3154, 0.2903



72.7966, 0.3159, 0.2830



51.1514, 0.3399, 0.3501



11.3978, 0.3142, 0.3068



10.6490, 0.3283, 0.1582



0.5512, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 55.0989, 0.2883, 0.3277 looks on a white background.

Color Contrast Check

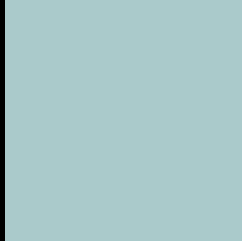
Large Text (above 18pt) WCAG AA × Fail

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 55.0989, 0.2883, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

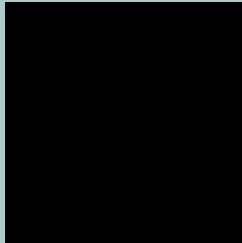
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

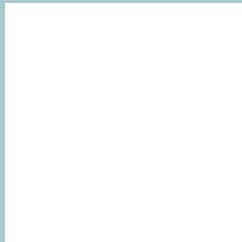
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0989, 0.2883, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 55.0989, 0.2883, 0.3277.

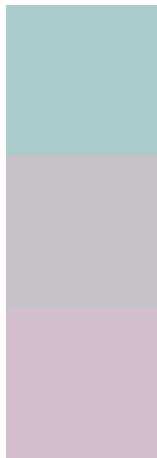


This preview shows how white text looks on a background with the Yxy color 55.0989, 0.2883, 0.3277.

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

55.0989, 0.2883, 0.3277

Protanopia

54.7129, 0.3122, 0.3230

Deuteranopia

54.9363, 0.3176, 0.3115



Tritanopia

55.0371, 0.2812, 0.3091

Trichromacy



Original Color

55.0989, 0.2883, 0.3277

Protanomaly

54.7940, 0.3035, 0.3253

Deuteranomaly

54.5453, 0.3062, 0.3169

Tritanomaly

55.1344, 0.2837, 0.3164

Monochromacy



Original Color

55.0989, 0.2883, 0.3277

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8254, 0.3034, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0989, 0.2883, 0.3277 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(170, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 202, 203)  
}
```

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(170, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.0989, 0.2883, 0.3277 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(170, 202, 203) }
```

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

```
.border{ border-color:rgb(170, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0989, 0.2883, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 202, 203) }
```

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

```
.background{ background-color: rgb(170,  
202, 203) }
```

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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