

Converting Colors

$Yxy(56.0173, 0.2901, 0.3277)$

Have a look what the booklet for
Yxy(56.0173, 0.2901, 0.3277)
contains.

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Color

Yxy(55.9557, 0.2898, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	ADCBC
RGB	173, 203, 204
RGB Percent	68%, 80%, 80%
CMY	0.3216, 0.2039, 0.2000
CMYK	0.15, 0.00, 0.00, 0.20
HSL	182°, 23%, 74%
HSV	182°, 15%, 80%
XYZ	49.4842, 55.9557, 65.3130
YIQ	194.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

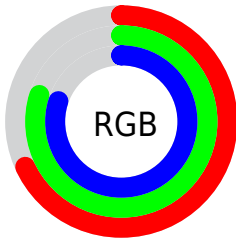
Format	Color
R _{YB}	173, 188, 204
Decimal	11389900
CIE Lab	79.59, -9.79, -3.86
CIE LCh	80, 10.521, 201.548
Yxy	55.9557, 0.2898, 0.3277
Android (android.graphics.Color)	4289579980 (0xFFADCBC)
YUV	194.1440, 4.8590, -18.5433
Hunter-Lab	74.8035, -12.8246, 0.5948

Details

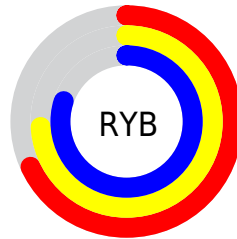
The Yxy color **55.9557, 0.2898, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1100, 0.3408, 0.3303**, and the grayscale version is **54.0161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **27.6900, 0.2836, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **53.5034, 0.2758, 0.3268**, and if you desaturate by 10%, it is **58.7690, 0.3047, 0.3286**.

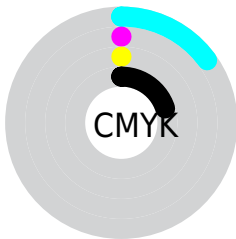
Distribution



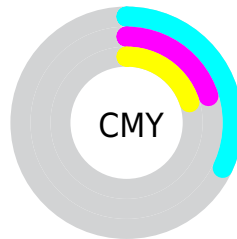
- Red (68%)
- Green (80%)
- Blue (80%)



- Red (68%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9557, 0.2898, 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 55.9557, 0.2898, 0.3277 by changing the saturation by 10% instead.


 55.9557, 0.2898,
0.3277

 55.9557, 0.2898,
0.3277

409.5245, 0.3008,
0.3284

 40.1674, 0.2872,
0.3275


 98.9398, 0.2937,
0.3280

 27.6691, 0.2838,
0.3272


126.9044, 0.2952,
0.3281

 18.0764, 0.2795,
0.3269

159.6966, 0.2965,
0.3282

 11.0048, 0.2737,
0.3263

197.7007, 0.2976,
0.3282

 6.0701, 0.2654,
0.3254

241.3011, 0.2986,
0.3283

 2.8877, 0.2526,
0.3239

290.8823, 0.2994,

 1.0734, 0.2301,

0.3283

0.3207

346.8287, 0.3002,
0.3284

0.0000, 0.0000,
0.0000

55.9557, 0.2898,
0.3277

55.9557, 0.2898,
0.3277

53.5034, 0.2758,
0.3268

58.7690, 0.3047,
0.3286

51.3890, 0.2631,
0.3258

61.9512, 0.3202,
0.3294

49.5975, 0.2518,
0.3248

65.5190, 0.3361,
0.3301

48.1103, 0.2422,
0.3237

69.4857, 0.3520,
0.3308

46.9064, 0.2345,
0.3226

69.8763, 0.3522,
0.3314

■ 45.9625, 0.2288,
0.3216

■ 70.1882, 0.3521,
0.3321

■ 45.2516, 0.2249,
0.3205

■ 70.5014, 0.3520,
0.3327

■ 44.7405, 0.2227,
0.3195

■ 70.8159, 0.3519,
0.3334

■ 44.5360, 0.2220,
0.3190

■ 71.1316, 0.3517,
0.3341

Harmonies

Analogous

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



55.9557, 0.2995, 0.3403



55.9557, 0.2898, 0.3277



55.9557, 0.2861, 0.3158

Triad

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



55.9557, 0.2898, 0.3277



55.9557, 0.3120, 0.3094



55.9557, 0.3365, 0.3501

Complementary

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



55.9557, 0.2898, 0.3277



46.1100, 0.3408, 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.



55.9557, 0.3401, 0.3413



55.9557, 0.2898, 0.3277



55.9557, 0.3258, 0.3181

Square

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



55.9557, 0.2898, 0.3277



55.9557, 0.2987, 0.3056



55.9557, 0.3361, 0.3296



55.9557, 0.3265, 0.3533

Rectangle

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



55.9557, 0.2898, 0.3277



55.9557, 0.2875, 0.3099



55.9557, 0.3361, 0.3296



55.9557, 0.3385, 0.3476

Sweetspot

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



55.9580, 0.2898, 0.3277



97.4044, 0.3049, 0.3286



55.1002, 0.3105, 0.3686



20.7732, 0.3038, 0.3285



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.



55.9580, 0.2898, 0.3277



91.3867, 0.2855, 0.3274



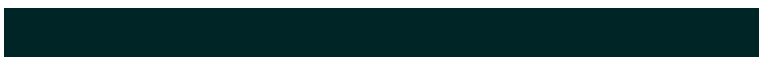
49.1946, 0.2891, 0.3085



12.6638, 0.2984, 0.3282



28.0612, 0.2220, 0.3192



1.4672, 0.2226, 0.3212

Inverse Universe

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



47.0283, 0.3153, 0.2929



74.0368, 0.3158, 0.2855



52.2491, 0.3380, 0.3487



11.3974, 0.3143, 0.3069



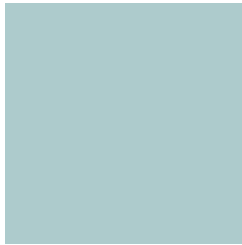
10.6358, 0.3289, 0.1586



0.5507, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 55.9557, 0.2898, 0.3277 looks on a white background.

Color Contrast Check

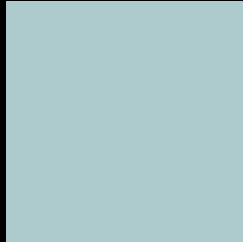
Large Text (above 18pt) WCAG AA × Fail

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 55.9557, 0.2898, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

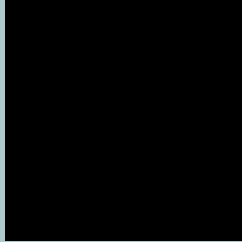
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

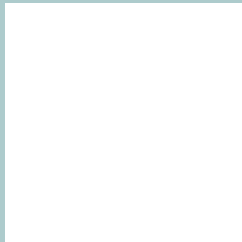
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9557, 0.2898, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 55.9557, 0.2898, 0.3277.



This preview shows how white text looks on a background with the Yxy color 55.9557, 0.2898, 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

55.9557, 0.2898, 0.3277

Protanopia

55.7921, 0.3121, 0.3242

Deuteranopia

55.7149, 0.3184, 0.3116



Tritanopia

55.8970, 0.2827, 0.3093

Trichromacy



Original Color

55.9557, 0.2898, 0.3277

Protanomaly

56.0110, 0.3043, 0.3265

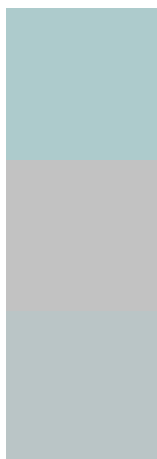
Deuteranomaly

55.4438, 0.3078, 0.3170

Tritanomaly

55.9932, 0.2853, 0.3165

Monochromacy



Original Color

55.9557, 0.2898, 0.3277

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4488, 0.3034, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9557, 0.2898, 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(173, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 203, 204)  
}
```

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(173, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 55.9557, 0.2898, 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(173, 203, 204) }
```

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

```
.border{ border-color:rgb(173, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 203,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9557, 0.2898, 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(173, 203, 204) }
```

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

```
.background{ background-color: rgb(173,  
203, 204) }
```

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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