

Converting Colors

Yxy(55.6831, 0.2912, 0.3283)

Have a look what the booklet for
Yxy(55.6831, 0.2912, 0.3283)
contains.

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Color

Yxy(55.5515, 0.2911, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AECACB
RGB	174, 202, 203
RGB Percent	68%, 79%, 80%
CMY	0.3178, 0.2078, 0.2039
CMYK	0.14, 0.00, 0.00, 0.20
HSL	182°, 22%, 74%
HSV	182°, 14%, 80%
XYZ	49.3471, 55.5515, 64.6208
YIQ	193.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

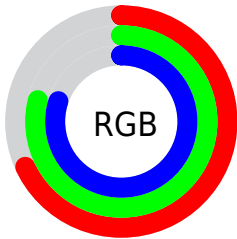
Format	Color
RYB	174, 188, 203
Decimal	11455179
CIELab	79.36, -9.16, -3.66
CIELCh	79, 9.868, 201.795
Yxy	55.5515, 0.2911, 0.3277
Android (android.graphics.Color)	4289645259 (0xFFAECACB)
YUV	193.7420, 4.5642, -17.3137
Hunter-Lab	74.5329, -12.2504, 0.7680

Details

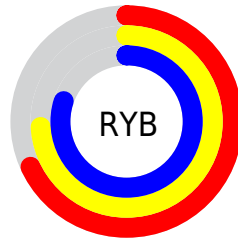
The Yxy color **55.5515, 0.2911, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3852, 0.3388, 0.3303**, and the grayscale version is **53.7647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **27.4147, 0.2853, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **53.0747, 0.2770, 0.3267**, and if you desaturate by 10%, it is **58.3866, 0.3061, 0.3286**.

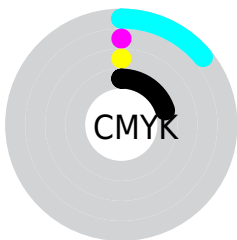
Distribution



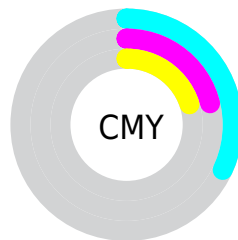
- Red (68%)
- Green (79%)
- Blue (80%)



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



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





- Cyan (32%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5515, 0.2911, 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 55.5515, 0.2911, 0.3277 by changing the saturation by 10% instead.


 55.5515, 0.2911,
0.3277

 55.5515, 0.2911,
0.3277

407.9991, 0.3015,
0.3284

 39.8434, 0.2886,
0.3275

 98.3485, 0.2948,
0.3280

 27.4165, 0.2854,
0.3272


126.2063, 0.2962,
0.3281

 17.8863, 0.2813,
0.3269


158.8827, 0.2974,
0.3282

 10.8684, 0.2758,
0.3263

196.7622, 0.2985,
0.3282

 5.9784, 0.2679,
0.3255

240.2293, 0.2994,
0.3283

 2.8319, 0.2557,
0.3240

289.6681, 0.3002,

 1.0446, 0.2339,

0.3283

0.3211

345.4633, 0.3009,
0.3284

0.0000, 0.0000,
0.0000

55.5515, 0.2911,
0.3277

55.5515, 0.2911,
0.3277

53.0747, 0.2770,
0.3267

58.3866, 0.3061,
0.3286

50.9337, 0.2641,
0.3257

61.5880, 0.3216,
0.3295

49.1136, 0.2527,
0.3246

65.1717, 0.3375,
0.3302

47.5962, 0.2430,
0.3234

69.1225, 0.3533,
0.3309

46.3610, 0.2351,
0.3223

69.4515, 0.3532,
0.3316

■ 45.3853, 0.2291,
0.3212

■ 69.7820, 0.3530,
0.3323

■ 44.6426, 0.2250,
0.3200

■ 70.1139, 0.3529,
0.3330

■ 44.1011, 0.2226,
0.3189

■ 70.4473, 0.3527,
0.3338

■ 43.8493, 0.2218,
0.3183

■ 70.7821, 0.3526,
0.3345

Harmonies

Analogous

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



55.5515, 0.3002, 0.3395



55.5515, 0.2911, 0.3277



55.5515, 0.2877, 0.3166

Triad

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



55.5515, 0.2911, 0.3277



55.5515, 0.3122, 0.3106



55.5515, 0.3350, 0.3489

Complementary

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



55.5515, 0.2911, 0.3277



46.3852, 0.3388, 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.



55.5515, 0.3384, 0.3407



55.5515, 0.2911, 0.3277



55.5515, 0.3251, 0.3188

Square

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



55.5515, 0.2911, 0.3277



55.5515, 0.2997, 0.3070



55.5515, 0.3348, 0.3297



55.5515, 0.3256, 0.3519

Rectangle

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



55.5515, 0.2911, 0.3277



55.5515, 0.2890, 0.3110



55.5515, 0.3348, 0.3297



55.5515, 0.3369, 0.3466

Sweetspot

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



55.5538, 0.2911, 0.3277



97.8964, 0.3065, 0.3286



54.7970, 0.3103, 0.3654



20.8716, 0.3053, 0.3286



0.0000, 0.0000, 0.0000



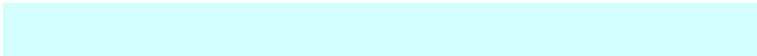
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5538, 0.2911, 0.3277



91.7523, 0.2869, 0.3274



49.0612, 0.2905, 0.3091



12.6593, 0.2984, 0.3282



27.9337, 0.2218, 0.3185



1.4619, 0.2224, 0.3206

Inverse Universe

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



47.2149, 0.3152, 0.2951



75.2980, 0.3157, 0.2881



52.3372, 0.3363, 0.3481



11.3969, 0.3143, 0.3069



10.6229, 0.3295, 0.1589



0.5501, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 55.5515, 0.2911, 0.3277 looks on a white background.

Color Contrast Check

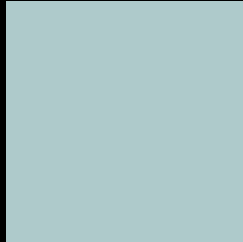
Large Text (above 18pt) WCAG AA × Fail

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 55.5515, 0.2911, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

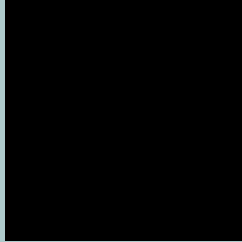
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

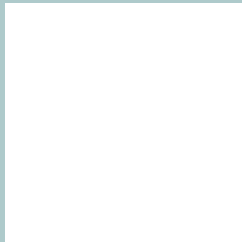
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5515, 0.2911, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 55.5515, 0.2911, 0.3277.



This preview shows how white text looks on a background with the Yxy color 55.5515, 0.2911, 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

55.5515, 0.2911, 0.3277

Protanopia

55.2958, 0.3129, 0.3242

Deuteranopia

55.0836, 0.3184, 0.3116



Tritanopia

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.5515, 0.2911, 0.3277

Protanomaly

55.5054, 0.3051, 0.3265

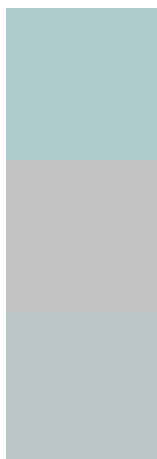
Deuteranomaly

54.9490, 0.3085, 0.3170

Tritanomaly

55.5904, 0.2865, 0.3165

Monochromacy



Original Color

55.5515, 0.2911, 0.3277

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5285, 0.3049, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5515, 0.2911, 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(174, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.5515, 0.2911, 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(174, 202, 203) }
```

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

```
.border{ border-color:rgb(174, 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(174, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(174, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5515, 0.2911, 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(174, 202, 203) }
```

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

```
.background{ background-color: rgb(174,  
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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