

Converting Colors

Yxy(56.0246, 0.2683, 0.2949)

Have a look what the booklet for
Yxy(56.0246, 0.2683, 0.2949)
contains.

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Color

Yxy(55.9536, 0.2682, 0.2947)

Conversions

Conversions Part 1	
Format	Color
Hex	A5CAE6
RGB	165, 202, 230
RGB Percent	65%, 79%, 90%
CMY	0.3529, 0.2078, 0.0980
CMYK	0.28, 0.12, 0.00, 0.10
HSL	206°, 57%, 77%
HSV	206°, 28%, 90%
XYZ	50.9221, 55.9536, 82.9906
YIQ	194.1290, -31.0400, 0.8640

Conversions

Conversions Part 2

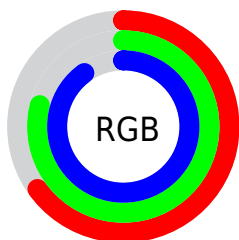
Format	Color
RYB	165, 189, 230
Decimal	10865382
CIELab	79.59, -5.92, -17.89
CIELCh	80, 18.841, 251.683
Yxy	55.9536, 0.2682, 0.2947
Android (android.graphics.Color)	4289055462 (0xFFA5CAE6)
YUV	194.1290, 17.6844, -25.5461
Hunter-Lab	74.8021, -9.3885, -13.4188

Details

The Yxy color **55.9536, 0.2682, 0.2947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.6898, 0.3660, 0.3609**, and the grayscale version is **53.9379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **27.6153, 0.2569, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **49.2042, 0.2524, 0.2803**, and if you desaturate by 10%, it is **63.4498, 0.2842, 0.3080**.

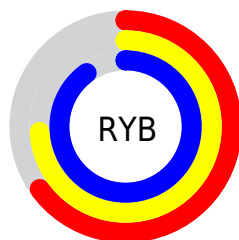
Distribution



Red (65%)

Green (79%)

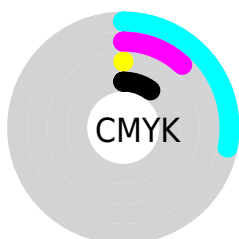
Blue (90%)



Red (65%)

Yellow (74%)

Blue (90%)

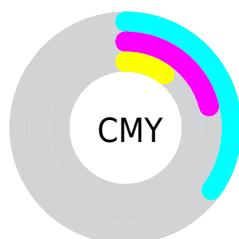


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (35%)


Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9536, 0.2682, 0.2947 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 55.9536, 0.2682, 0.2947 by changing the saturation by 10% instead.

 55.9536, 0.2682,
0.2947

 55.9536, 0.2682,
0.2947

409.5166, 0.2894,
0.3114

 40.1657, 0.2632,
0.2907

 98.9367, 0.2757,
0.3007

 27.6678, 0.2569,
0.2856


 126.9008, 0.2786,
0.3029

 18.0754, 0.2489,
0.2791


159.6923, 0.2810,
0.3049

 11.0041, 0.2382,
0.2702

197.6958, 0.2832,
0.3065

 6.0696, 0.2234,
0.2576

241.2956, 0.2850,
0.3080

 2.8875, 0.2016,
0.2387

290.8760, 0.2867,


 1.0733, 0.1668,


0.3093


0.2071


346.8216, 0.2881,
0.3104


 0.0000, 0.0000,
0.0000


 55.9536, 0.2682,
0.2947


 55.9536, 0.2682,
0.2947

 49.2042, 0.2524,
0.2803


 63.4498, 0.2842,
0.3080


 43.1655, 0.2372,
0.2648


 71.7134, 0.3000,
0.3200


 37.8081, 0.2230,
0.2486

 80.7726, 0.3153,
0.3308

 33.0971, 0.2102,
0.2318

 90.2688, 0.3288,
0.3404

 28.9935, 0.1993,
0.2148

 96.3182, 0.3277,
0.3500

■ 25.4524, 0.1907,
0.1982

■ 98.4941, 0.3274,
0.3532

■ 22.4119, 0.1842,
0.1821

■ 21.9208, 0.1832,
0.1793

Harmonies

Analogous

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



55.9536, 0.2665, 0.3112



55.9536, 0.2682, 0.2947



55.9536, 0.2813, 0.2878

Triad

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



55.9536, 0.2682, 0.2947



55.9536, 0.3498, 0.3227



55.9536, 0.3209, 0.3704

Complementary

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



55.9536, 0.2682, 0.2947



57.6898, 0.3660, 0.3609

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.



55.9536, 0.3440, 0.3722



55.9536, 0.2682, 0.2947



55.9536, 0.3612, 0.3436

Square

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



55.9536, 0.2682, 0.2947



55.9536, 0.3282, 0.3039



55.9536, 0.3590, 0.3619



55.9536, 0.2963, 0.3562

Rectangle

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



55.9536, 0.2682, 0.2947



55.9536, 0.2950, 0.2891



55.9536, 0.3590, 0.3619



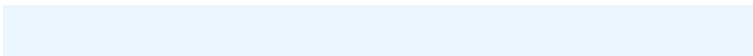
55.9536, 0.3291, 0.3725

Sweetspot

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



55.9558, 0.2682, 0.2947



90.8534, 0.3003, 0.3202



68.4124, 0.2930, 0.3757



19.0939, 0.2979, 0.3185



0.0000, 0.0000, 0.0000



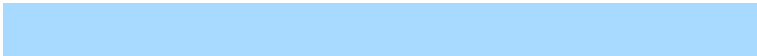
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9558, 0.2682, 0.2947



65.5348, 0.2588, 0.2863



42.6209, 0.2640, 0.2542



15.2418, 0.2981, 0.3186



12.6559, 0.1839, 0.1818



1.1189, 0.1904, 0.2053

Inverse Universe

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



48.0012, 0.3400, 0.2876



54.4194, 0.3476, 0.2786



73.1763, 0.3568, 0.3942



14.5048, 0.3204, 0.3157



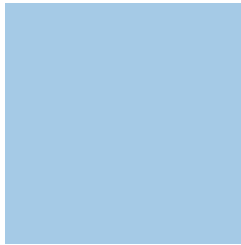
10.4753, 0.4664, 0.2343



0.7926, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 55.9536, 0.2682, 0.2947 looks on a white background.

Color Contrast Check

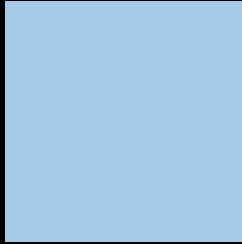
Large Text (above 18pt) WCAG AA × Fail

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 55.9536, 0.2682, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

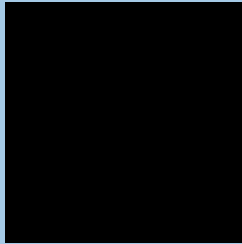
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

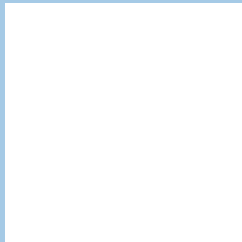
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9536, 0.2682, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 55.9536, 0.2682, 0.2947.



This preview shows how white text looks on a background with the Yxy color 55.9536, 0.2682, 0.2947.

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

55.9536, 0.2682, 0.2947

Protanopia

55.7277, 0.2886, 0.2925

Deuteranopia

55.6676, 0.2896, 0.2830



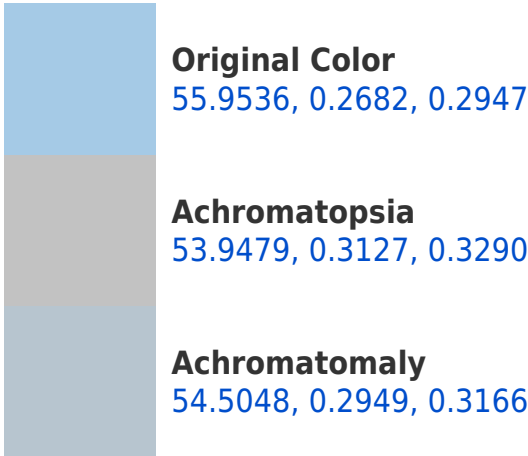
Tritanopia

56.1396, 0.2731, 0.3090

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9536, 0.2682, 0.2947 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(165, 202, 230) looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 230)  
}
```

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(165, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 230) }
```

Border

The CSS property to change the border of an element to Yxy 55.9536, 0.2682, 0.2947 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(165, 202, 230) }
```

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

```
.border{ border-color:rgb(165, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(165, 202,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9536, 0.2682, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 230) }
```

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

```
.background{ background-color: rgb(165,  
202, 230) }
```

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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