

Converting Colors

$Yxy(55.2078, 0.2592, 0.2883)$

Have a look what the booklet for
Yxy(55.2078, 0.2592, 0.2883)
contains.

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Color

Yxy(55.2078, 0.2592, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAEB
RGB	155, 202, 235
RGB Percent	61%, 79%, 92%
CMY	0.3922, 0.2078, 0.0784
CMYK	0.34, 0.14, 0.00, 0.08
HSL	205°, 67%, 76%
HSV	205°, 34%, 92%
XYZ	49.6353, 55.2078, 86.6512
YIQ	191.7090, -38.6050, 0.2990

Conversions

Conversions Part 2

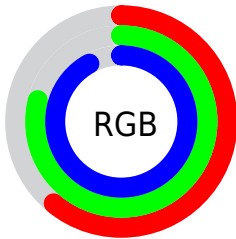
Format	Color
RYB	155, 185, 235
Decimal	10210027
CIELab	79.16, -7.53, -21.27
CIELCh	79, 22.564, 250.499
Yxy	55.2078, 0.2592, 0.2883
Android (android.graphics.Color)	4288400107 (0xFF9BCAEB)
YUV	191.7090, 21.3425, -32.1938
Hunter-Lab	74.3020, -10.7865, -17.1328

Details

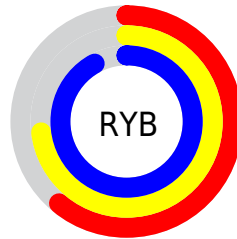
The Yxy color **55.2078, 0.2592, 0.2883** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.0067, 0.3804, 0.3662**, and the grayscale version is **52.4257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **27.2012, 0.2460, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **48.6977, 0.2439, 0.2739**, and if you desaturate by 10%, it is **62.4608, 0.2750, 0.3016**.

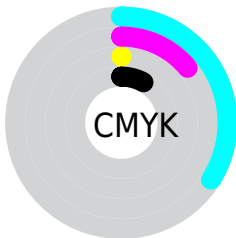
Distribution



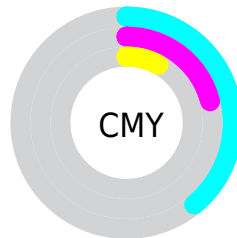
- Red (61%)
- Green (79%)
- Blue (92%)



- Red (61%)
- Yellow (73%)
- Blue (92%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2078, 0.2592, 0.2883 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 55.2078, 0.2592, 0.2883 by changing the saturation by 10% instead.

■ 55.2078, 0.2592,
0.2883

■ 55.2078, 0.2592,
0.2883

406.6991, 0.2847,
0.3082

■ 39.5681, 0.2532,
0.2835

■ 97.8453, 0.2682,
0.2954

■ 27.2020, 0.2458,
0.2775

■ 125.6120, 0.2716,
0.2981

■ 17.7250, 0.2363,
0.2697

158.1898, 0.2746,
0.3004

■ 10.7527, 0.2237,
0.2592

195.9631, 0.2771,
0.3024

■ 5.9008, 0.2064,
0.2444

239.3162, 0.2794,
0.3041

■ 2.7849, 0.1813,
0.2222

288.6337, 0.2814,

■ 1.0205, 0.1424,

0.3056

0.1863

344.2999, 0.2831,
0.3070

0.0000, 0.0000,
0.0000

55.2078, 0.2592,
0.2883

55.2078, 0.2592,
0.2883

48.6977, 0.2439,
0.2739

62.4608, 0.2750,
0.3016

42.8923, 0.2294,
0.2587

70.4794, 0.2909,
0.3138

37.7594, 0.2162,
0.2428

79.2932, 0.3065,
0.3249

33.2609, 0.2048,
0.2266

88.9283, 0.3217,
0.3347

29.3530, 0.1954,
0.2105

95.9352, 0.3248,
0.3440

■ 25.9836, 0.1883,
0.1948

■ 98.7793, 0.3244,
0.3483

■ 24.1889, 0.1849,
0.1857

Harmonies

Analogous

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



55.2078, 0.2578, 0.3083



55.2078, 0.2592, 0.2883



55.2078, 0.2741, 0.2799

Triad

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



55.2078, 0.2592, 0.2883



55.2078, 0.3565, 0.3203



55.2078, 0.3235, 0.3797

Complementary

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



55.2078, 0.2592, 0.2883



56.0067, 0.3804, 0.3662

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.



55.2078, 0.3511, 0.3808



55.2078, 0.2592, 0.2883



55.2078, 0.3710, 0.3452

Square

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



55.2078, 0.2592, 0.2883



55.2078, 0.3300, 0.2983



55.2078, 0.3688, 0.3674



55.2078, 0.2940, 0.3629

Rectangle

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



55.2078, 0.2592, 0.2883



55.2078, 0.2903, 0.2812



55.2078, 0.3688, 0.3674



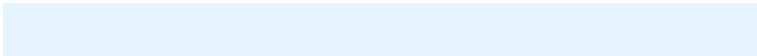
55.2078, 0.3334, 0.3818

Sweetspot

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



55.2100, 0.2592, 0.2883



88.9498, 0.2972, 0.3184



69.9847, 0.2901, 0.3889



18.7235, 0.2949, 0.3168



0.0000, 0.0000, 0.0000



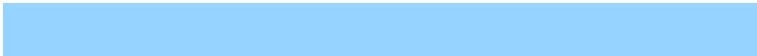
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2100, 0.2592, 0.2883



60.7638, 0.2482, 0.2781



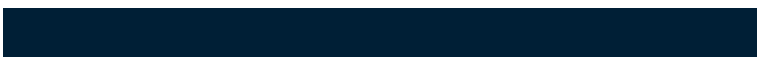
39.1636, 0.2526, 0.2377



16.0194, 0.2981, 0.3190



13.7174, 0.1856, 0.1881



1.2660, 0.1916, 0.2095

Inverse Universe

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



45.3730, 0.3461, 0.2772



47.9630, 0.3558, 0.2663



74.9799, 0.3666, 0.4063



15.2025, 0.3201, 0.3152



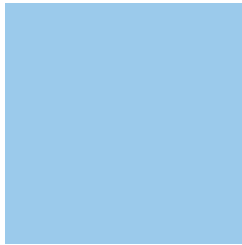
10.8776, 0.4590, 0.2302



0.8732, 0.4346, 0.2168

Previews

White Background



This preview shows how the Yxy color 55.2078, 0.2592, 0.2883 looks on a white background.

Color Contrast Check

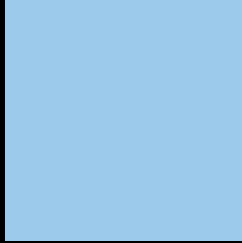
Large Text (above 18pt) WCAG AA × Fail

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 55.2078, 0.2592, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

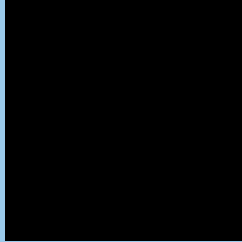
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2078, 0.2592, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 55.2078, 0.2592, 0.2883.

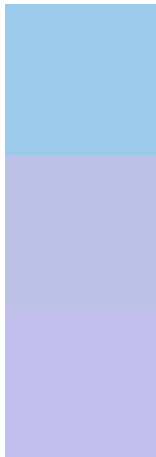


This preview shows how white text looks on a background with the Yxy color 55.2078, 0.2592, 0.2883.

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

55.2078, 0.2592, 0.2883

Protanopia

54.9321, 0.2837, 0.2876

Deuteranopia

54.8454, 0.2826, 0.2759



Tritanopia

55.0816, 0.2656, 0.3074

Trichromacy



Original Color

55.2078, 0.2592, 0.2883

Protanomaly

54.9321, 0.2743, 0.2881

Deuteranomaly

54.7896, 0.2737, 0.2804

Tritanomaly

54.9752, 0.2632, 0.3001

Monochromacy



Original Color

55.2078, 0.2592, 0.2883

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6176, 0.2912, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2078, 0.2592, 0.2883 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(155, 202, 235)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 235)  
}
```

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(155, 202, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 235) }
```

Border

The CSS property to change the border of an element to Yxy 55.2078, 0.2592, 0.2883 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(155, 202, 235) }
```

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

```
.border{ border-color:rgb(155, 202, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 202, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 202, 235); box-shadow:4px 4px 4px 4px rgb(155, 202, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2078, 0.2592, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 235) }
```

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

```
.background{ background-color: rgb(155,  
202, 235) }
```

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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