

Converting Colors

$Yxy(54.8516, 0.2545, 0.2872)$

Have a look what the booklet for
Yxy(54.8516, 0.2545, 0.2872)
contains.

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Color

Yxy(55.0639, 0.2548, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	94CBEC
RGB	148, 203, 236
RGB Percent	58%, 80%, 93%
CMY	0.4194, 0.2040, 0.0745
CMYK	0.37, 0.14, 0.00, 0.07
HSL	203°, 70%, 75%
HSV	203°, 37%, 93%
XYZ	48.7163, 55.0639, 87.4139
YIQ	190.3170, -43.3730, -1.3970

Conversions

Conversions Part 2

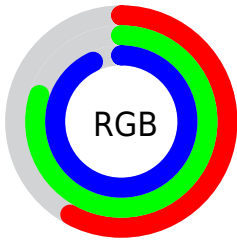
Format	Color
RYB	148, 182, 236
Decimal	9751532
CIELab	79.08, -9.68, -21.95
CIELCh	79, 23.992, 246.215
Yxy	55.0639, 0.2548, 0.2880
Android (android.graphics.Color)	4287941612 (0xFF94CBEC)
YUV	190.3170, 22.5217, -37.1120
Hunter-Lab	74.2051, -12.6721, -17.9004

Details

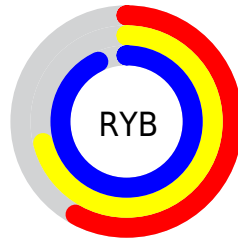
The Yxy color **55.0639, 0.2548, 0.2880** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.0468, 0.3900, 0.3663**, and the grayscale version is **51.5790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **27.1173, 0.2403, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **49.0193, 0.2401, 0.2747**, and if you desaturate by 10%, it is **61.8004, 0.2702, 0.3004**.

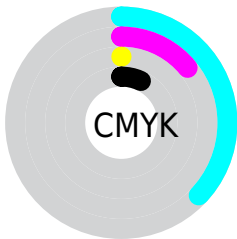
Distribution



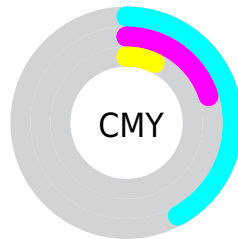
- Red (58%)
- Green (80%)
- Blue (93%)



- Red (58%)
- Yellow (71%)
- Blue (93%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0639, 0.2548, 0.2880 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 55.0639, 0.2548, 0.2880 by changing the saturation by 10% instead.

■ 55.0639, 0.2548,
0.2880

■ 55.0639, 0.2548,
0.2880

■ 406.1541, 0.2823,
0.3081

■ 39.4529, 0.2484,
0.2831

■ 97.6346, 0.2645,
0.2952

■ 27.1122, 0.2404,
0.2770

■ 125.3630, 0.2682,
0.2979

■ 17.6575, 0.2302,
0.2691

■ 157.8994, 0.2714,
0.3003

■ 10.7044, 0.2167,
0.2583

■ 195.6281, 0.2742,
0.3023

■ 5.8684, 0.1983,
0.2432

■ 238.9335, 0.2766,
0.3040

■ 2.7652, 0.1718,
0.2204

■ 288.2001, 0.2787,

■ 1.0104, 0.1307,

0.3055

0.1837

343.8121, 0.2806,
0.3069

0.0000, 0.0000,
0.0000

55.0639, 0.2548,
0.2880

55.0639, 0.2548,
0.2880

49.0193, 0.2401,
0.2747

61.8004, 0.2702,
0.3004

43.6290, 0.2265,
0.2608

69.2515, 0.2858,
0.3118

38.8604, 0.2144,
0.2463

77.4463, 0.3015,
0.3221

34.6750, 0.2042,
0.2317

86.4102, 0.3169,
0.3315

31.0280, 0.1961,
0.2171

94.0089, 0.3245,
0.3400

■ 27.8618, 0.1901,
0.2029

■ 98.8359, 0.3238,
0.3473

■ 27.0548, 0.1886,
0.1991

Harmonies

Analogous

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



55.0639, 0.2554, 0.3107



55.0639, 0.2548, 0.2880



55.0639, 0.2687, 0.2774

Triad

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



55.0639, 0.2548, 0.2880



55.0639, 0.3559, 0.3160



55.0639, 0.3287, 0.3843

Complementary

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



55.0639, 0.2548, 0.2880



53.0468, 0.3900, 0.3663

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.



55.0639, 0.3570, 0.3829



55.0639, 0.2548, 0.2880



55.0639, 0.3736, 0.3423

Square

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



55.0639, 0.2548, 0.2880



55.0639, 0.3265, 0.2937



55.0639, 0.3739, 0.3667



55.0639, 0.2970, 0.3686

Rectangle

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



55.0639, 0.2548, 0.2880



55.0639, 0.2848, 0.2776



55.0639, 0.3739, 0.3667



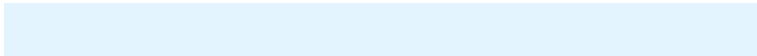
55.0639, 0.3389, 0.3857

Sweetspot

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



55.0660, 0.2548, 0.2880



88.5287, 0.2956, 0.3183



69.5982, 0.2898, 0.3995



18.6627, 0.2935, 0.3169



0.0000, 0.0000, 0.0000



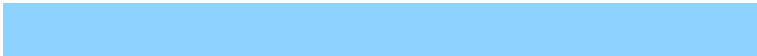
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0660, 0.2548, 0.2880



59.8701, 0.2431, 0.2776



37.4253, 0.2466, 0.2313



16.1167, 0.2981, 0.3199



15.1704, 0.1893, 0.2013



1.3751, 0.1947, 0.2210

Inverse Universe

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



43.3430, 0.3472, 0.2688



44.8393, 0.3574, 0.2563



73.4299, 0.3729, 0.4107



15.2123, 0.3195, 0.3144



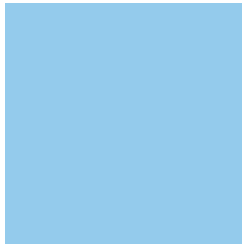
11.0243, 0.4438, 0.2218



0.8842, 0.4222, 0.2100

Previews

White Background



This preview shows how the Yxy color 55.0639, 0.2548, 0.2880 looks on a white background.

Color Contrast Check

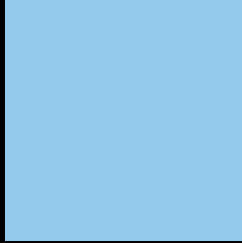
Large Text (above 18pt) WCAG AA × Fail

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 55.0639, 0.2548, 0.2880 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 55.0639, 0.2548, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 55.0639, 0.2548, 0.2880.



This preview shows how white text looks on a background with the Yxy color 55.0639, 0.2548, 0.2880.

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

55.0639, 0.2548, 0.2880

Protanopia

54.5445, 0.2829, 0.2853

Deuteranopia

54.7001, 0.2799, 0.2736



Tritanopia

54.8659, 0.2604, 0.3071

Trichromacy



Original Color

55.0639, 0.2548, 0.2880

Protanomaly

54.6429, 0.2716, 0.2867

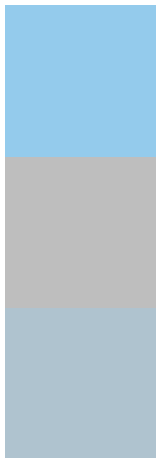
Deuteranomaly

54.4334, 0.2698, 0.2779

Tritanomaly

54.7515, 0.2581, 0.2998

Monochromacy



Original Color

55.0639, 0.2548, 0.2880

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6492, 0.2889, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0639, 0.2548, 0.2880 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(148, 203, 236)` looks like.

```
.text, #text, p{  
    color:rgb(148, 203, 236)  
}
```

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(148, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 203, 236) }
```

Border

The CSS property to change the border of an element to Yxy 55.0639, 0.2548, 0.2880 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(148, 203, 236) }
```

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

```
.border{ border-color:rgb(148, 203, 236) }
```

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

Here you see how a box with a 4 pixel rgb(148, 203, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(148, 203,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0639, 0.2548, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 203, 236) }
```

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

```
.background{ background-color: rgb(148,  
203, 236) }
```

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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