

Converting Colors

Yxy(56.1313, 0.2540, 0.2721)

Have a look what the booklet for
Yxy(56.1313, 0.2540, 0.2721)
contains.

Yxy(55.9838, 0.2539, 0.2718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.9838, 0.2539, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	9FC9F9
RGB	159, 201, 249
RGB Percent	62%, 79%, 98%
CMY	0.3762, 0.2118, 0.0234
CMYK	0.36, 0.19, 0.00, 0.02
HSL	212°, 88%, 80%
HSV	212°, 36%, 98%
XYZ	52.2969, 55.9838, 97.6936
YIQ	193.9140, -40.4400, 6.0240

Conversions

Conversions Part 2

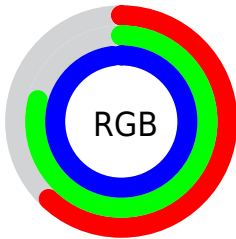
Format	Color
RYB	159, 188, 249
Decimal	10471929
CIELab	79.60, -2.37, -28.06
CIElCh	80, 28.165, 265.166
Yxy	55.9838, 0.2539, 0.2718
Android (android.graphics.Color)	4288662009 (0xFF9FC9F9)
YUV	193.9140, 27.1574, -30.6196
Hunter-Lab	74.8223, -6.1770, -25.0378

Details

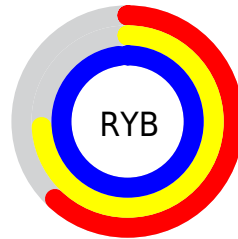
The Yxy color **55.9838, 0.2539, 0.2718** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3313, 0.3818, 0.3798**, and the grayscale version is **53.7588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **27.6163, 0.2395, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **47.7558, 0.2373, 0.2525**, and if you desaturate by 10%, it is **65.2660, 0.2707, 0.2897**.

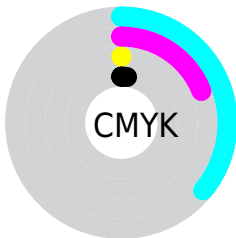
Distribution



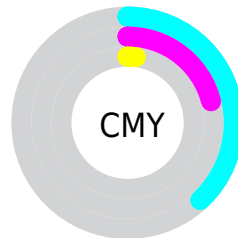
- Red (62%)
- Green (79%)
- Blue (98%)



- Red (62%)
- Yellow (74%)
- Blue (98%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9838, 0.2539, 0.2718 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 55.9838, 0.2539, 0.2718 by changing the saturation by 10% instead.

■ 55.9838, 0.2539,
0.2718

■ 55.9838, 0.2539,
0.2718

■ 409.6304, 0.2818,
0.2991

■ 40.1899, 0.2474,
0.2654

■ 98.9809, 0.2637,
0.2814

■ 27.6867, 0.2394,
0.2575

■ 126.9529, 0.2674,
0.2851

■ 18.0896, 0.2292,
0.2473

■ 159.7531, 0.2707,
0.2883

■ 11.0143, 0.2158,
0.2339

■ 197.7659, 0.2735,
0.2910

■ 6.0765, 0.1976,
0.2157

■ 241.3756, 0.2759,
0.2934

■ 2.8916, 0.1719,
0.1895

■ 290.9666, 0.2781,

■ 1.0754, 0.1338,

0.2956

0.1502

346.9235, 0.2801,
0.2974

0.0000, 0.0000,
0.0000

55.9838, 0.2539,
0.2718

55.9838, 0.2539,
0.2718

47.7558, 0.2373,
0.2525

65.2660, 0.2707,
0.2897

40.5309, 0.2214,
0.2321

75.6372, 0.2873,
0.3061

34.2628, 0.2067,
0.2111

87.1386, 0.3033,
0.3208

28.8982, 0.1939,
0.1900

99.1017, 0.3162,
0.3339

24.3760, 0.1835,
0.1696

99.6213, 0.3162,
0.3347

■ 20.6239, 0.1757,
0.1505

■ 19.3392, 0.1732,
0.1434

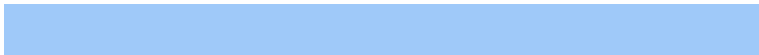
Harmonies

Analogous

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



55.9838, 0.2439, 0.2892



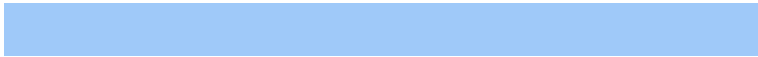
55.9838, 0.2539, 0.2718



55.9838, 0.2790, 0.2694

Triad

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



55.9838, 0.2539, 0.2718



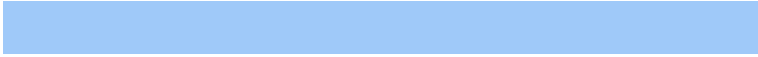
55.9838, 0.3785, 0.3326



55.9838, 0.3075, 0.3847

Complementary

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



55.9838, 0.2539, 0.2718



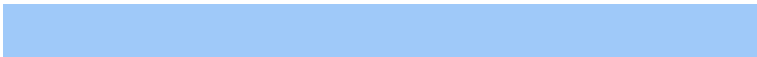
67.3313, 0.3818, 0.3798

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.



55.9838, 0.3442, 0.3956



55.9838, 0.2539, 0.2718



55.9838, 0.3866, 0.3626

Square

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



55.9838, 0.2539, 0.2718



55.9838, 0.3515, 0.3035



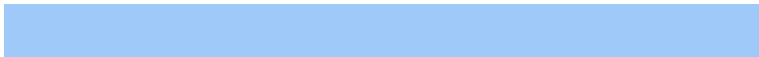
55.9838, 0.3735, 0.3863



55.9838, 0.2736, 0.3557

Rectangle

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



55.9838, 0.2539, 0.2718



55.9838, 0.3020, 0.2757



55.9838, 0.3735, 0.3863



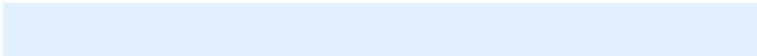
55.9838, 0.3199, 0.3907

Sweetspot

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



55.9860, 0.2539, 0.2718



85.8744, 0.2955, 0.3138



79.6539, 0.2826, 0.3785



18.0300, 0.2933, 0.3118



0.0000, 0.0000, 0.0000



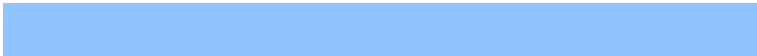
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9860, 0.2539, 0.2718



52.9502, 0.2423, 0.2586



39.3509, 0.2486, 0.2202



17.9762, 0.2980, 0.3160



10.6278, 0.1740, 0.1463



1.1942, 0.1802, 0.1688

Inverse Universe

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



49.1821, 0.3592, 0.2848



45.6235, 0.3721, 0.2763



89.8721, 0.3651, 0.4198



17.3598, 0.3221, 0.3180



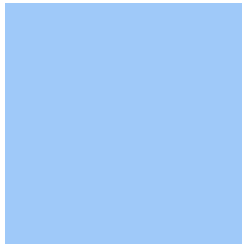
11.4838, 0.5107, 0.2587



1.0848, 0.4822, 0.2430

Previews

White Background



This preview shows how the Yxy color 55.9838, 0.2539, 0.2718 looks on a white background.

Color Contrast Check

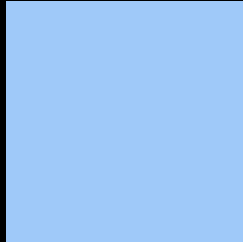
Large Text (above 18pt) WCAG AA × Fail

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 55.9838, 0.2539, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

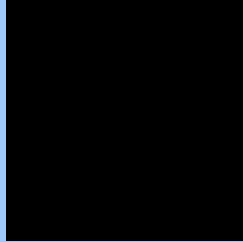
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

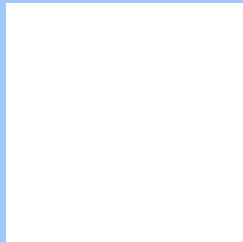
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9838, 0.2539, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 55.9838, 0.2539, 0.2718.



This preview shows how white text looks on a background with the Yxy color 55.9838, 0.2539, 0.2718.

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

55.9838, 0.2539, 0.2718

Protanopia

55.9371, 0.2716, 0.2713

Deuteranopia

55.7963, 0.2699, 0.2631



Tritanopia

56.1888, 0.2659, 0.3088

Trichromacy



Original Color

55.9838, 0.2539, 0.2718

Protanomaly

55.8164, 0.2653, 0.2717

Deuteranomaly

55.7291, 0.2636, 0.2665

Tritanomaly

55.9805, 0.2612, 0.2943

Monochromacy



Original Color

55.9838, 0.2539, 0.2718

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6113, 0.2887, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9838, 0.2539, 0.2718 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(159, 201, 249)` looks like.

```
.text, #text, p{  
    color:rgb(159, 201, 249)  
}
```

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(159, 201, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 249) }
```

Border

The CSS property to change the border of an element to Yxy 55.9838, 0.2539, 0.2718 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(159, 201, 249) }
```

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

```
.border{ border-color:rgb(159, 201, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 201, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 249);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9838, 0.2539, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 249) }
```

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

```
.background{ background-color: rgb(159,  
201, 249) }
```

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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