

Converting Colors

$Yxy(54.5330, 0.2418, 0.2633)$

Have a look what the booklet for
Yxy(54.5330, 0.2418, 0.2633)
contains.

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Color

Yxy(54.3682, 0.2419, 0.2628)

Conversions

Conversions Part 1

Format	Color
Hex	8FC8FF
RGB	143, 200, 255
RGB Percent	56%, 78%, 100%
CMY	0.4388, 0.2157, 0.0000
CMYK	0.44, 0.22, 0.00, 0.00
HSL	209°, 100%, 78%
HSV	209°, 44%, 100%
XYZ	50.0444, 54.3682, 102.4679
YIQ	189.2270, -51.6270, 5.0210

Conversions

Conversions Part 2

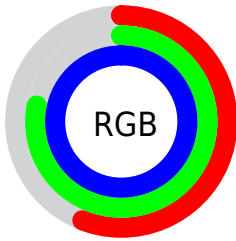
Format	Color
R _Y B	143, 181, 255
Decimal	9423103
CIE Lab	78.68, -4.34, -32.76
CIE LCh	79, 33.044, 262.454
Yxy	54.3682, 0.2419, 0.2628
Android (android.graphics.Color)	4287613183 (0xFF8FC8FF)
YUV	189.2270, 32.4261, -40.5411
Hunter-Lab	73.7348, -7.8865, -30.7799

Details

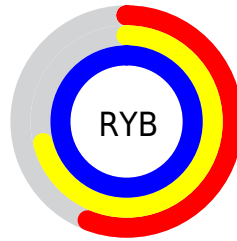
The Yxy color **54.3682, 0.2419, 0.2628** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.6857, 0.4028, 0.3861**, and the grayscale version is **50.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.6134, 0.2247, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **46.7746, 0.2263, 0.2443**, and if you desaturate by 10%, it is **62.9587, 0.2582, 0.2802**.

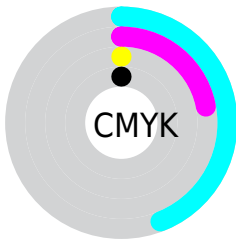
Distribution



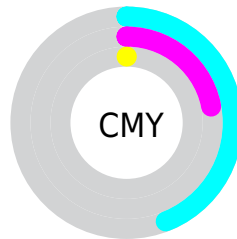
- Red (56%)
- Green (78%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3682, 0.2419, 0.2628 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 54.3682, 0.2419, 0.2628 by changing the saturation by 10% instead.


 54.3682, 0.2419,
0.2628


 54.3682, 0.2419,
0.2628


403.5125, 0.2754,
0.2945

 38.8961, 0.2342,
0.2554


 96.6147, 0.2536,
0.2739

 26.6789, 0.2247,
0.2462


 124.1578, 0.2581,
0.2782

 17.3322, 0.2126,
0.2345


156.4934, 0.2620,
0.2819

 10.4716, 0.1970,
0.2192

194.0059, 0.2654,
0.2851

 5.7128, 0.1761,
0.1984

237.0797, 0.2683,
0.2879

 2.6712, 0.1473,
0.1692

286.0991, 0.2709,

 0.9626, 0.1064,

0.2904

0.1270

341.4486, 0.2733,
0.2925

0.0000, 0.0000,
0.0000

54.3682, 0.2419,
0.2628

54.3682, 0.2419,
0.2628

46.7746, 0.2263,
0.2443

62.9587, 0.2582,
0.2802

40.1259, 0.2120,
0.2251

72.5841, 0.2746,
0.2964

34.3721, 0.1993,
0.2056

83.2863, 0.2909,
0.3110

29.4546, 0.1889,
0.1864

95.1029, 0.3067,
0.3243

25.3039, 0.1809,
0.1680

100.0000, 0.3127,
0.3290

■ 23.0880, 0.1770,
0.1573

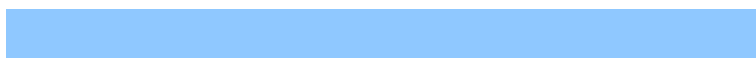
Harmonies

Analogous

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



54.3682, 0.2321, 0.2842



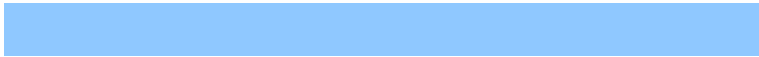
54.3682, 0.2419, 0.2628



54.3682, 0.2696, 0.2589

Triad

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



54.3682, 0.2419, 0.2628



54.3682, 0.3888, 0.3294



54.3682, 0.3100, 0.3980

Complementary

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



54.3682, 0.2419, 0.2628



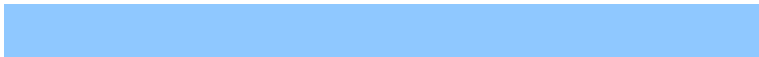
63.6857, 0.4028, 0.3861

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.



54.3682, 0.3531, 0.4082



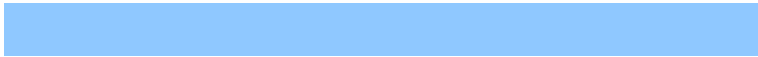
54.3682, 0.2419, 0.2628



54.3682, 0.4005, 0.3646

Square

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



54.3682, 0.2419, 0.2628



54.3682, 0.3549, 0.2962



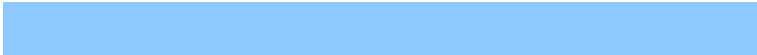
54.3682, 0.3867, 0.3941



54.3682, 0.2695, 0.3645

Rectangle

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



54.3682, 0.2419, 0.2628



54.3682, 0.2959, 0.2654



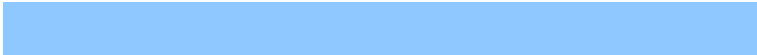
54.3682, 0.3867, 0.3941



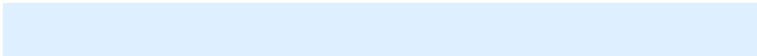
54.3682, 0.3247, 0.4043

Sweetspot

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



54.3699, 0.2419, 0.2628



84.2848, 0.2923, 0.3123



81.4080, 0.2801, 0.3986



17.5099, 0.2888, 0.3092



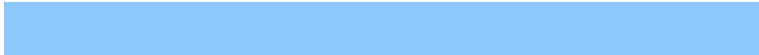
0.0000, 0.0000, 0.0000



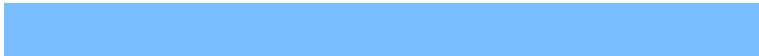
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3699, 0.2419, 0.2628



47.4067, 0.2277, 0.2460



33.3076, 0.2300, 0.1939



18.9044, 0.2979, 0.3170



12.3637, 0.1778, 0.1602



1.4225, 0.1835, 0.1805

Inverse Universe

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



45.1036, 0.3689, 0.2706



38.3117, 0.3865, 0.2594



93.5819, 0.3789, 0.4358



18.1412, 0.3214, 0.3170



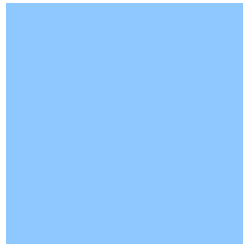
11.9761, 0.4929, 0.2489



1.1881, 0.4679, 0.2351

Previews

White Background



This preview shows how the Yxy color 54.3682, 0.2419, 0.2628 looks on a white background.

Color Contrast Check

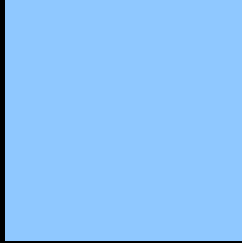
Large Text (above 18pt) WCAG AA × Fail

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 54.3682, 0.2419, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

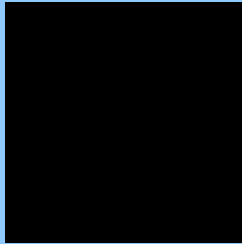
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

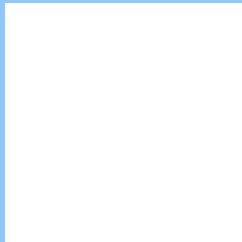
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3682, 0.2419, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 54.3682, 0.2419, 0.2628.



This preview shows how white text looks on a background with the Yxy color 54.3682, 0.2419, 0.2628.

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

54.3682, 0.2419, 0.2628

Protanopia

54.1225, 0.2649, 0.2629

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.4849, 0.2550, 0.3081

Trichromacy



Original Color

54.3682, 0.2419, 0.2628

Protanomaly

54.1022, 0.2560, 0.2630

Deuteranomaly

53.9106, 0.2537, 0.2577

Tritanomaly

54.4446, 0.2499, 0.2910

Monochromacy



Original Color

54.3682, 0.2419, 0.2628

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7147, 0.2826, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3682, 0.2419, 0.2628 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(143, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 200, 255)  
}
```

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(143, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3682, 0.2419, 0.2628 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(143, 200, 255) }
```

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

```
.border{ border-color:rgb(143, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3682, 0.2419, 0.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 200, 255) }
```

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

```
.background{ background-color: rgb(143,  
200, 255) }
```

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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