

Converting Colors

$Y_{xy}(54.9491, 0.2420, 0.2645)$

Have a look what the booklet for
Yxy(54.9491, 0.2420, 0.2645)
contains.

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Color

Yxy(54.8329, 0.2421, 0.2641)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 8FC9FF |
| RGB | 143, 201, 255 |
| RGB Percent | 56%, 79%, 100% |
| CMY | 0.4391, 0.2118, 0.0001 |
| CMYK | 0.44, 0.21, 0.00, 0.00 |
| HSL | 209°, 100%, 78% |
| HSV | 209°, 44%, 100% |
| XYZ | 50.2652, 54.8329, 102.5236 |
| YIQ | 189.8140, -51.9020, 4.4980 |

Conversions

Conversions Part 2

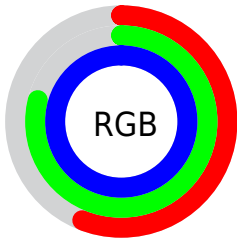
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 143, 181, 255 |
| Decimal | 9423359 |
| CIE _{Lab} | 78.94, -4.91, -32.33 |
| CIE _{LCh} | 79, 32.700, 261.372 |
| Yxy | 54.8329, 0.2421, 0.2641 |
| Android (android.graphics.Color) | 4287613439 (0xFF8FC9FF) |
| YUV | 189.8140, 32.1367, -41.0559 |
| Hunter-Lab | 74.0492, -8.4189, -30.2545 |

Details

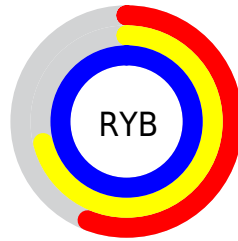
The Yxy color **54.8329, 0.2421, 0.2641** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.1784, 0.4033, 0.3851**, and the grayscale version is **51.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.9231, 0.2250, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **47.3066, 0.2267, 0.2460**, and if you desaturate by 10%, it is **63.3393, 0.2583, 0.2812**.

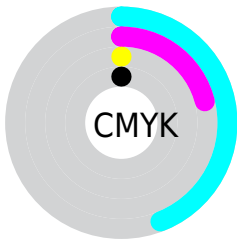
Distribution



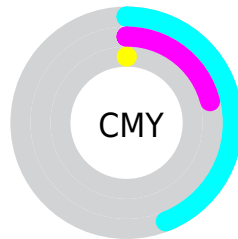
- Red (56%)
- Green (79%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8329, 0.2421, 0.2641 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 54.8329, 0.2421, 0.2641 by changing the saturation by 10% instead.


 54.8329, 0.2421,
0.2641


 54.8329, 0.2421,
0.2641

405.2782, 0.2754,
0.2952

 39.2680, 0.2344,
0.2568


 97.2961, 0.2537,
0.2750

 26.9682, 0.2250,
0.2478


 124.9631, 0.2582,
0.2792

 17.5494, 0.2130,
0.2363


157.4330, 0.2621,
0.2829

 10.6270, 0.1975,
0.2212

195.0900, 0.2655,
0.2860

 5.8166, 0.1767,
0.2008

238.3187, 0.2684,
0.2887

 2.7339, 0.1481,
0.1721

287.5033, 0.2710,

 0.9944, 0.1076,

0.2911

0.1302

343.0284, 0.2733,
0.2933

0.0000, 0.0000,
0.0000

54.8329, 0.2421,
0.2641

54.8329, 0.2421,
0.2641

47.3066, 0.2267,
0.2460

63.3393, 0.2583,
0.2812

40.7081, 0.2124,
0.2271

72.8621, 0.2747,
0.2970

34.9884, 0.1999,
0.2080

83.4428, 0.2909,
0.3114

30.0896, 0.1896,
0.1892

95.1187, 0.3067,
0.3243

25.9431, 0.1817,
0.1711

99.9987, 0.3127,
0.3290

■ 23.7297, 0.1779,
0.1605

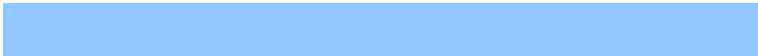
Harmonies

Analogous

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



54.8329, 0.2331, 0.2859



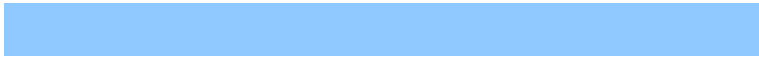
54.8329, 0.2421, 0.2641



54.8329, 0.2689, 0.2596

Triad

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



54.8329, 0.2421, 0.2641



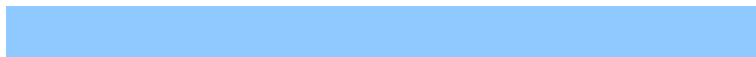
54.8329, 0.3869, 0.3282



54.8329, 0.3117, 0.3978

Complementary

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



54.8329, 0.2421, 0.2641



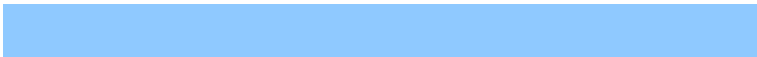
63.1784, 0.4033, 0.3851

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.



54.8329, 0.3540, 0.4070



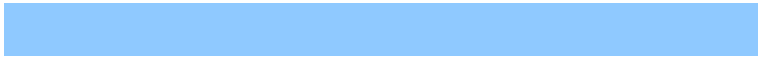
54.8329, 0.2421, 0.2641



54.8329, 0.3993, 0.3631

Square

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



54.8329, 0.2421, 0.2641



54.8329, 0.3529, 0.2955



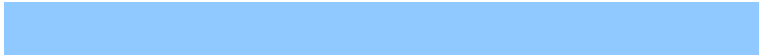
54.8329, 0.3866, 0.3925



54.8329, 0.2714, 0.3654

Rectangle

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



54.8329, 0.2421, 0.2641



54.8329, 0.2946, 0.2656



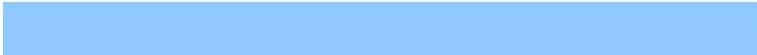
54.8329, 0.3866, 0.3925



54.8329, 0.3261, 0.4038

Sweetspot

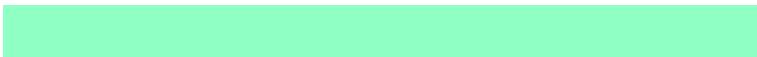
The Sweet Spot groups the original color and five complimentary colors.



54.8350, 0.2421, 0.2641



84.4680, 0.2924, 0.3126



81.3019, 0.2810, 0.4010



17.5551, 0.2888, 0.3096



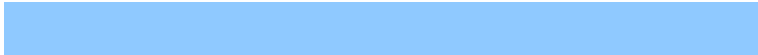
0.0000, 0.0000, 0.0000



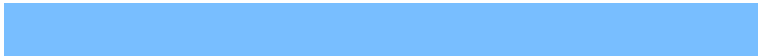
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8350, 0.2421, 0.2641



47.9567, 0.2280, 0.2477



33.8560, 0.2304, 0.1961



18.9338, 0.2979, 0.3172



12.7023, 0.1787, 0.1634



1.4556, 0.1843, 0.1834

Inverse Universe

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



45.1283, 0.3679, 0.2695



38.3673, 0.3850, 0.2582



92.3894, 0.3797, 0.4343



18.1442, 0.3213, 0.3168



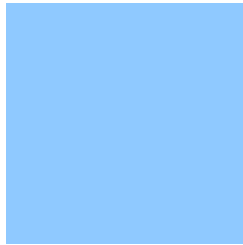
12.0103, 0.4889, 0.2467



1.1915, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 54.8329, 0.2421, 0.2641 looks on a white background.

Color Contrast Check

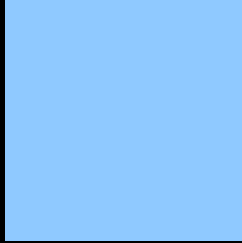
Large Text (above 18pt) WCAG AA × Fail

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 54.8329, 0.2421, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

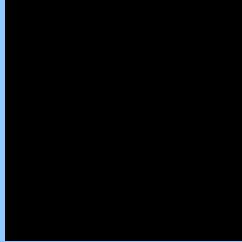
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

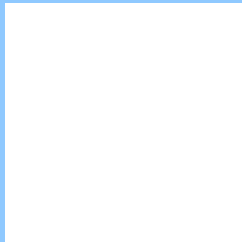
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8329, 0.2421, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 54.8329, 0.2421, 0.2641.



This preview shows how white text looks on a background with the Yxy color 54.8329, 0.2421, 0.2641.

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

54.8329, 0.2421, 0.2641

Protanopia

54.6828, 0.2657, 0.2642

Deuteranopia

54.6226, 0.2621, 0.2570



Tritanopia

55.0217, 0.2547, 0.3082

Trichromacy



Original Color

54.8329, 0.2421, 0.2641

Protanomaly

54.6604, 0.2568, 0.2644

Deuteranomaly

54.4657, 0.2544, 0.2590

Tritanomaly

54.9792, 0.2496, 0.2911

Monochromacy



Original Color

54.8329, 0.2421, 0.2641

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3228, 0.2827, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8329, 0.2421, 0.2641 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.8329, 0.2421, 0.2641 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, 201, 255) }
```

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

```
.border{ border-color:rgb(143, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8329, 0.2421, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 201, 255) }
```

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

```
.background{ background-color: rgb(143,  
201, 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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