

Converting Colors

Yxy(54.0449, 0.2458, 0.2606)

Have a look what the booklet for
Yxy(54.0449, 0.2458, 0.2606)
contains.

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Color

Yxy(54.1875, 0.2457, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	97C6FF
RGB	151, 198, 255
RGB Percent	59%, 78%, 100%
CMY	0.4082, 0.2234, 0.0001
CMYK	0.41, 0.22, 0.00, 0.00
HSL	213°, 100%, 80%
HSV	213°, 41%, 100%
XYZ	50.9915, 54.1875, 102.3565
YIQ	190.4450, -46.3090, 7.7630

Conversions

Conversions Part 2

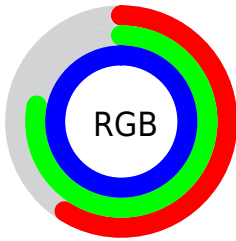
Format	Color
R _Y B	151, 183, 255
Decimal	9946879
CIE Lab	78.57, -1.36, -32.87
CIE LCh	79, 32.896, 267.638
Yxy	54.1875, 0.2457, 0.2611
Android (android.graphics.Color)	4288136959 (0xFF97C6FF)
YUV	190.4450, 31.8256, -34.5933
Hunter-Lab	73.6122, -5.1736, -30.9132

Details

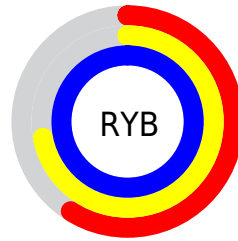
The Yxy color **54.1875, 0.2457, 0.2611** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.5348, 0.3924, 0.3879**, and the grayscale version is **51.5874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.4566, 0.2292, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **45.9203, 0.2292, 0.2407**, and if you desaturate by 10%, it is **63.5740, 0.2626, 0.2802**.

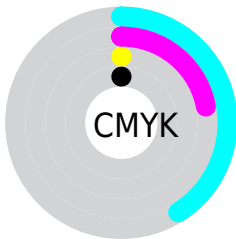
Distribution



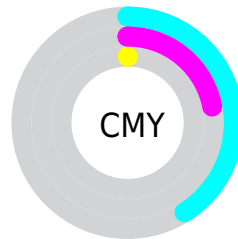
- Red (59%)
- Green (78%)
- Blue (100%)



- Red (59%)
- Yellow (72%)
- Blue (100%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1875, 0.2457, 0.2611 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 54.1875, 0.2457, 0.2611 by changing the saturation by 10% instead.

■ 54.1875, 0.2457,
0.2611

■ 54.1875, 0.2457,
0.2611

402.8246, 0.2775,
0.2934

■ 38.7516, 0.2383,
0.2536

■ 96.3495, 0.2568,
0.2724

■ 26.5665, 0.2292,
0.2443

■ 123.8444, 0.2611,
0.2768

■ 17.2479, 0.2177,
0.2324

156.1277, 0.2648,
0.2806

■ 10.4114, 0.2027,
0.2170

193.5838, 0.2680,
0.2838

■ 5.6726, 0.1825,
0.1961

236.5972, 0.2708,
0.2867

■ 2.6470, 0.1544,
0.1669

285.5522, 0.2733,

■ 0.9504, 0.1141,

0.2892

0.1248

340.8332, 0.2755,
0.2914

0.0000, 0.0000,
0.0000

54.1875, 0.2457,
0.2611

54.1875, 0.2457,
0.2611

45.9203, 0.2292,
0.2407

63.5740, 0.2626,
0.2802

38.7161, 0.2136,
0.2194

74.1201, 0.2795,
0.2978

32.5220, 0.1995,
0.1977

85.8714, 0.2958,
0.3137

27.2768, 0.1876,
0.1764

98.8688, 0.3115,
0.3279

22.9095, 0.1783,
0.1562

99.9983, 0.3127,
0.3290

■ 19.5771, 0.1719,
0.1390

Harmonies

Analogous

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



54.1875, 0.2327, 0.2795



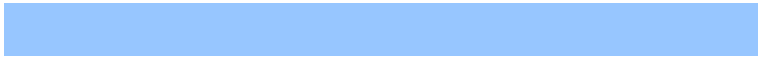
54.1875, 0.2457, 0.2611



54.1875, 0.2760, 0.2601

Triad

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



54.1875, 0.2457, 0.2611



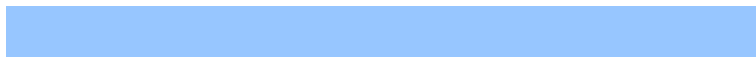
54.1875, 0.3924, 0.3356



54.1875, 0.3026, 0.3934

Complementary

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



54.1875, 0.2457, 0.2611



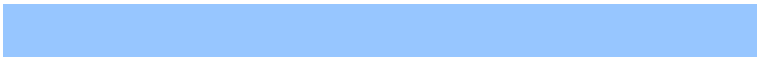
68.5348, 0.3924, 0.3879

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.



54.1875, 0.3459, 0.4080



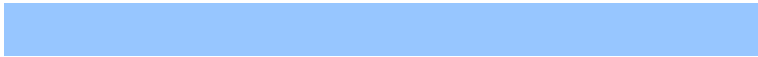
54.1875, 0.2457, 0.2611



54.1875, 0.3995, 0.3703

Square

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



54.1875, 0.2457, 0.2611



54.1875, 0.3617, 0.3016



54.1875, 0.3818, 0.3977



54.1875, 0.2637, 0.3571

Rectangle

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



54.1875, 0.2457, 0.2611



54.1875, 0.3034, 0.2683



54.1875, 0.3818, 0.3977



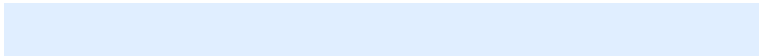
54.1875, 0.3171, 0.4012

Sweetspot

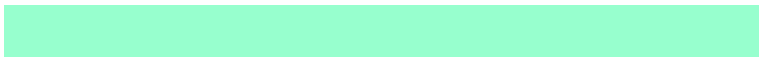
The Sweet Spot groups the original color and five complimentary colors.



54.1896, 0.2457, 0.2611



84.4275, 0.2939, 0.3119



82.5515, 0.2793, 0.3863



17.7315, 0.2918, 0.3099



0.0000, 0.0000, 0.0000



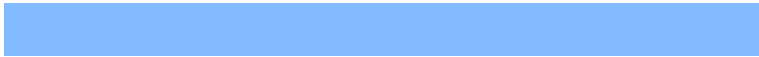
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1896, 0.2457, 0.2611



47.3471, 0.2321, 0.2445



36.2340, 0.2387, 0.2035



18.7321, 0.2979, 0.3156



10.5209, 0.1728, 0.1419



1.2392, 0.1788, 0.1636

Inverse Universe

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



47.4409, 0.3692, 0.2803



40.8099, 0.3862, 0.2710



94.3384, 0.3716, 0.4312



18.1238, 0.3223, 0.3183



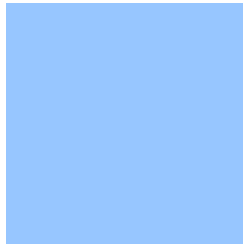
11.7901, 0.5165, 0.2619



1.1696, 0.4886, 0.2465

Previews

White Background



This preview shows how the Yxy color 54.1875, 0.2457, 0.2611 looks on a white background.

Color Contrast Check

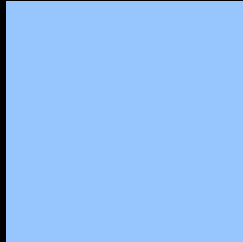
Large Text (above 18pt) WCAG AA × Fail

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 54.1875, 0.2457, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

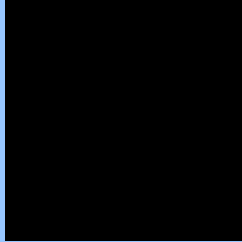
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

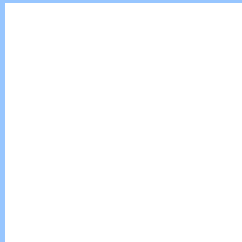
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1875, 0.2457, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 54.1875, 0.2457, 0.2611.



This preview shows how white text looks on a background with the Yxy color 54.1875, 0.2457, 0.2611.

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

54.1875, 0.2457, 0.2611

Protanopia

54.0664, 0.2637, 0.2618

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.1570, 0.2596, 0.3070

Trichromacy



Original Color

54.1875, 0.2457, 0.2611

Protanomaly

53.9367, 0.2565, 0.2610

Deuteranomaly

54.2386, 0.2555, 0.2580

Tritanomaly

54.1440, 0.2545, 0.2900

Monochromacy



Original Color

54.1875, 0.2457, 0.2611

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2251, 0.2848, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1875, 0.2457, 0.2611 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(151, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 198, 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(151, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.1875, 0.2457, 0.2611 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(151, 198, 255) }
```

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

```
.border{ border-color:rgb(151, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1875, 0.2457, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 198, 255) }
```

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

```
.background{ background-color: rgb(151,  
198, 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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