

Converting Colors

$Yxy(55.0343, 0.2347, 0.2442)$

Have a look what the booklet for
Yxy(55.0343, 0.2347, 0.2442)
contains.

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Color

Yxy(54.0866, 0.2427, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	91C7FF
RGB	145, 199, 255
RGB Percent	57%, 78%, 100%
CMY	0.4312, 0.2196, 0.0000
CMYK	0.43, 0.22, 0.00, 0.00
HSL	211°, 100%, 78%
HSV	211°, 43%, 100%
XYZ	50.1598, 54.0866, 102.4277
YIQ	189.2380, -50.1600, 5.9680

Conversions

Conversions Part 2

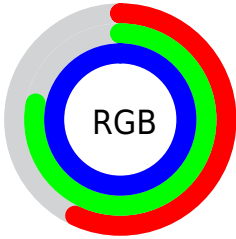
Format	Color
RYB	145, 181, 255
Decimal	9553919
CIELab	78.51, -3.32, -33.01
CIELCh	79, 33.182, 264.252
Yxy	54.0866, 0.2427, 0.2617
Android (android.graphics.Color)	4287743999 (0xFF91C7FF)
YUV	189.2380, 32.4207, -38.7967
Hunter-Lab	73.5436, -6.9569, -31.0955

Details

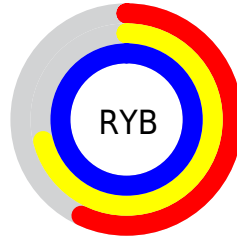
The Yxy color **54.0866, 0.2427, 0.2617** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1059, 0.3999, 0.3871**, and the grayscale version is **50.8695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.4027, 0.2254, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **46.2991, 0.2268, 0.2426**, and if you desaturate by 10%, it is **62.9045, 0.2592, 0.2797**.

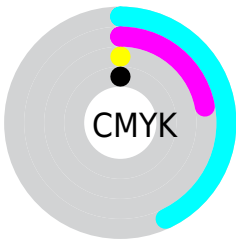
Distribution



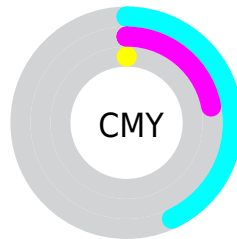
- Red (57%)
- Green (78%)
- Blue (100%)



- Red (57%)
- Yellow (71%)
- Blue (100%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0866, 0.2427, 0.2617 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 54.0866, 0.2427, 0.2617 by changing the saturation by 10% instead.

■ 54.0866, 0.2427,
0.2617

■ 54.0866, 0.2427,
0.2617

402.4402, 0.2758,
0.2939

■ 38.6709, 0.2351,
0.2542

■ 96.2014, 0.2543,
0.2730

■ 26.5038, 0.2256,
0.2449

■ 123.6693, 0.2588,
0.2774

■ 17.2009, 0.2136,
0.2330

155.9233, 0.2626,
0.2811

■ 10.3778, 0.1981,
0.2175

193.3480, 0.2660,
0.2843

■ 5.6502, 0.1773,
0.1966

236.3276, 0.2689,
0.2872

■ 2.6336, 0.1485,
0.1672

285.2465, 0.2715,

■ 0.9436, 0.1077,

0.2897

0.1247

340.4893, 0.2738,
0.2919

0.0000, 0.0000,
0.0000

54.0866, 0.2427,
0.2617

54.0866, 0.2427,
0.2617

46.2991, 0.2268,
0.2426

62.9045, 0.2592,
0.2797

39.4938, 0.2121,
0.2227

72.7965, 0.2758,
0.2964

33.6179, 0.1991,
0.2025

83.8040, 0.2921,
0.3115

28.6121, 0.1882,
0.1826

95.9656, 0.3079,
0.3251

24.4063, 0.1799,
0.1637

100.0000, 0.3127,
0.3290

■ 21.9135, 0.1754,
0.1513

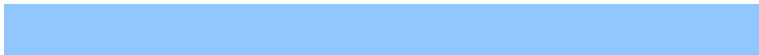
Harmonies

Analogous

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



54.0866, 0.2317, 0.2822



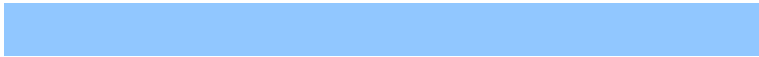
54.0866, 0.2427, 0.2617



54.0866, 0.2715, 0.2588

Triad

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



54.0866, 0.2427, 0.2617



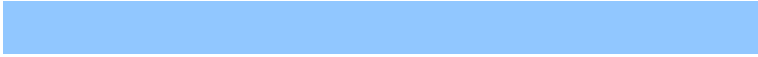
54.0866, 0.3907, 0.3315



54.0866, 0.3074, 0.3970

Complementary

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



54.0866, 0.2427, 0.2617



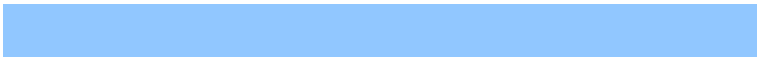
65.1059, 0.3999, 0.3871

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.



54.0866, 0.3508, 0.4088



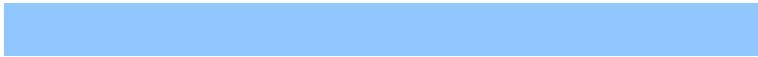
54.0866, 0.2427, 0.2617



54.0866, 0.4008, 0.3668

Square

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



54.0866, 0.2427, 0.2617



54.0866, 0.3576, 0.2978



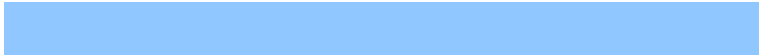
54.0866, 0.3856, 0.3959



54.0866, 0.2671, 0.3622

Rectangle

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



54.0866, 0.2427, 0.2617



54.0866, 0.2984, 0.2660



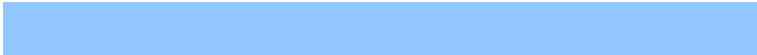
54.0866, 0.3856, 0.3959



54.0866, 0.3221, 0.4039

Sweetspot

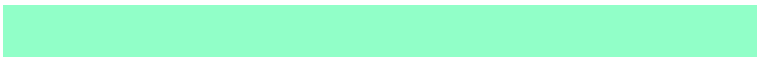
The Sweet Spot groups the original color and five complimentary colors.



54.0867, 0.2427, 0.2617



83.9411, 0.2923, 0.3117



81.7154, 0.2796, 0.3948



17.4252, 0.2888, 0.3085



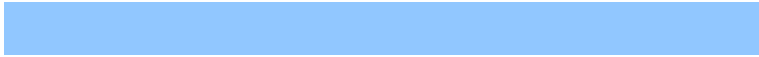
0.0000, 0.0000, 0.0000



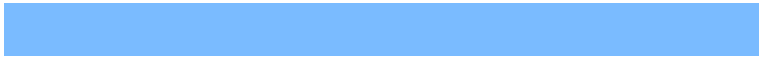
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0867, 0.2427, 0.2617



47.1204, 0.2286, 0.2448



33.5097, 0.2313, 0.1944



18.8493, 0.2979, 0.3166



11.7474, 0.1762, 0.1542



1.3618, 0.1820, 0.1751

Inverse Universe

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



45.6486, 0.3695, 0.2735



38.8848, 0.3872, 0.2629



94.8258, 0.3772, 0.4355



18.1356, 0.3217, 0.3174



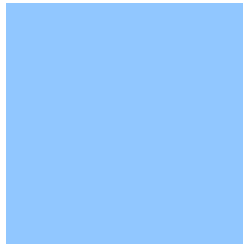
11.9139, 0.5004, 0.2530



1.1820, 0.4745, 0.2387

Previews

White Background



This preview shows how the Yxy color 54.0866, 0.2427, 0.2617 looks on a white background.

Color Contrast Check

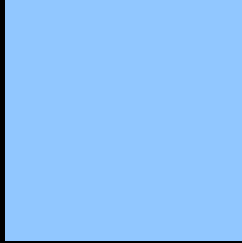
Large Text (above 18pt) WCAG AA × Fail

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 54.0866, 0.2427, 0.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

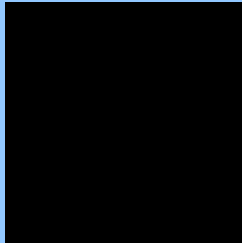
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

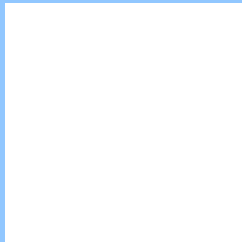
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0866, 0.2427, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 54.0866, 0.2427, 0.2617.



This preview shows how white text looks on a background with the Yxy color 54.0866, 0.2427, 0.2617.

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

54.0866, 0.2427, 0.2617

Protanopia

53.5661, 0.2642, 0.2616

Deuteranopia

53.9466, 0.2607, 0.2555



Tritanopia

54.1173, 0.2564, 0.3081

Trichromacy



Original Color

54.0866, 0.2427, 0.2617

Protanomaly

53.6556, 0.2558, 0.2618

Deuteranomaly

53.9106, 0.2537, 0.2577

Tritanomaly

54.0840, 0.2513, 0.2910

Monochromacy



Original Color

54.0866, 0.2427, 0.2617

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8283, 0.2833, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0866, 0.2427, 0.2617 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(145, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 199, 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(145, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0866, 0.2427, 0.2617 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(145, 199, 255) }
```

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

```
.border{ border-color:rgb(145, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0866, 0.2427, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 199, 255) }
```

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

```
.background{ background-color: rgb(145,  
199, 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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