

Converting Colors

$Yxy(58.7137, 0.2402, 0.2556)$

Have a look what the booklet for
Yxy(58.7137, 0.2402, 0.2556)
contains.

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Color

Yxy(57.9419, 0.2473, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	97CEFF
RGB	151, 206, 255
RGB Percent	59%, 81%, 100%
CMY	0.4080, 0.1921, 0.0001
CMYK	0.41, 0.19, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 41%, 100%
XYZ	52.8747, 57.9419, 102.9912
YIQ	195.1410, -48.5090, 3.5790

Conversions

Conversions Part 2

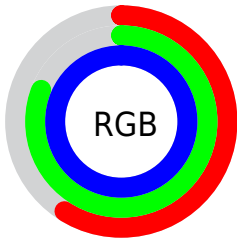
Format	Color
RYB	151, 187, 255
Decimal	9948927
CIELab	80.71, -5.62, -29.59
CIELCh	81, 30.119, 259.247
Yxy	57.9419, 0.2473, 0.2710
Android (android.graphics.Color)	4288139007 (0xFF97CEFF)
YUV	195.1410, 29.5105, -38.7117
Hunter-Lab	76.1196, -9.2185, -26.9368

Details

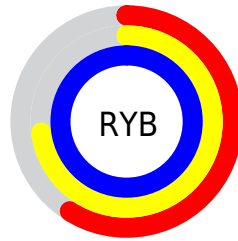
The Yxy color **57.9419, 0.2473, 0.2710** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.7627, 0.3958, 0.3800**, and the grayscale version is **54.4996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **28.9666, 0.2319, 0.2569** is the 20% darker color. If you saturate the color by 10%, you get **50.2028, 0.2317, 0.2536**, and if you desaturate by 10%, it is **66.6542, 0.2635, 0.2873**.

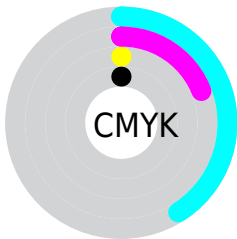
Distribution



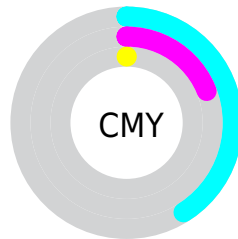
- Red (59%)
- Green (81%)
- Blue (100%)



- Red (59%)
- Yellow (73%)
- Blue (100%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)




- Cyan (41%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9419, 0.2473, 0.2710 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 57.9419, 0.2473, 0.2710 by changing the saturation by 10% instead.

 57.9419, 0.2473,
0.2710

 57.9419, 0.2473,
0.2710


416.9694, 0.2780,
0.2987

 41.7619, 0.2403,
0.2645


 101.8382, 0.2580,
0.2807

 28.9149, 0.2316,
0.2565


 130.3234, 0.2621,
0.2845

 19.0165, 0.2207,
0.2463


163.6791, 0.2657,
0.2877

 11.6822, 0.2065,
0.2329

202.2898, 0.2688,
0.2905

 6.5277, 0.1875,
0.2147

246.5397, 0.2715,
0.2929

 3.1685, 0.1611,
0.1889

296.8134, 0.2739,

 1.2203, 0.1231,

0.2950

353.4951, 0.2760,
0.2970

0.1505

0.0782, 0.0000,
0.0280

0.0000, 0.0000,
0.0000

57.9419, 0.2473,
0.2710

57.9419, 0.2473,
0.2710

50.2028, 0.2317,
0.2536

66.6542, 0.2635,
0.2873

43.3862, 0.2172,
0.2354

76.3739, 0.2798,
0.3023

37.4457, 0.2043,
0.2168

87.1412, 0.2959,
0.3159

32.3267, 0.1935,
0.1983

98.9919, 0.3115,
0.3281

■ 27.9654, 0.1849,
0.1803

99.9990, 0.3127,
0.3290

■ 24.5358, 0.1790,
0.1645

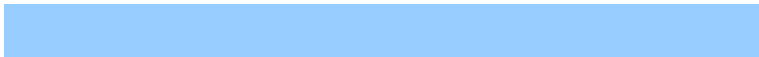
Harmonies

Analogous

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



57.9419, 0.2403, 0.2922



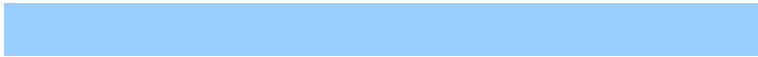
57.9419, 0.2473, 0.2710



57.9419, 0.2708, 0.2655

Triad

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



57.9419, 0.2473, 0.2710



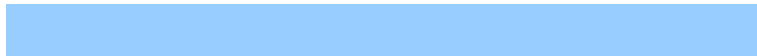
57.9419, 0.3781, 0.3263



57.9419, 0.3148, 0.3921

Complementary

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



57.9419, 0.2473, 0.2710



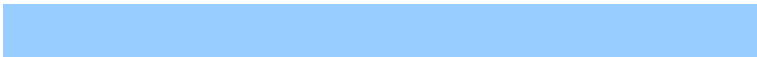
64.7627, 0.3958, 0.3800

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.



57.9419, 0.3529, 0.3991



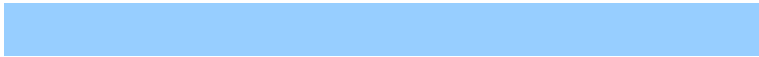
57.9419, 0.2473, 0.2710



57.9419, 0.3910, 0.3582

Square

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



57.9419, 0.2473, 0.2710



57.9419, 0.3464, 0.2967



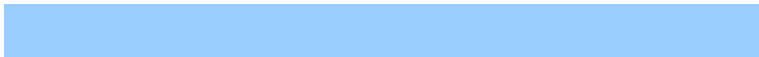
57.9419, 0.3812, 0.3853



57.9419, 0.2777, 0.3644

Rectangle

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



57.9419, 0.2473, 0.2710



57.9419, 0.2938, 0.2703



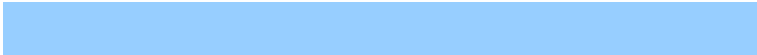
57.9419, 0.3812, 0.3853



57.9419, 0.3279, 0.3970

Sweetspot

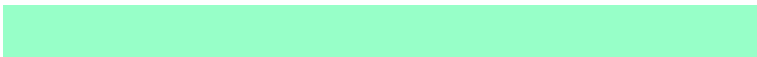
The Sweet Spot groups the original color and five complimentary colors.



57.9441, 0.2473, 0.2710



85.8030, 0.2940, 0.3143



82.2322, 0.2828, 0.3949



18.0549, 0.2919, 0.3126



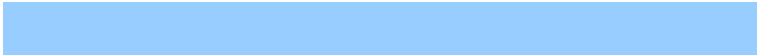
0.0000, 0.0000, 0.0000



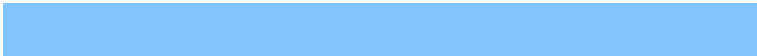
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9441, 0.2473, 0.2710



51.5328, 0.2345, 0.2568



37.0443, 0.2370, 0.2070



18.9695, 0.2979, 0.3175



13.1239, 0.1798, 0.1673



1.4967, 0.1853, 0.1870

Inverse Universe

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



47.8324, 0.3613, 0.2725



41.2325, 0.3757, 0.2616



92.8080, 0.3752, 0.4274



18.1478, 0.3211, 0.3165



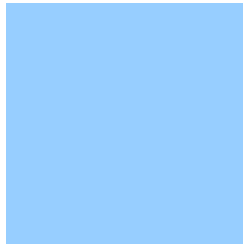
12.0528, 0.4840, 0.2440



1.1956, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 57.9419, 0.2473, 0.2710 looks on a white background.

Color Contrast Check

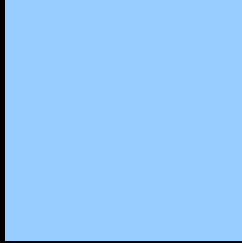
Large Text (above 18pt) WCAG AA × Fail

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 57.9419, 0.2473, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

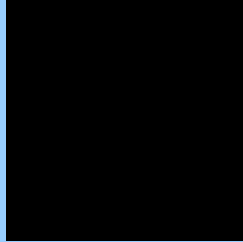
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

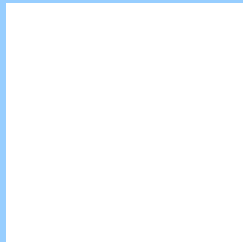
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9419, 0.2473, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 57.9419, 0.2473, 0.2710.



This preview shows how white text looks on a background with the Yxy color 57.9419, 0.2473, 0.2710.

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

57.9419, 0.2473, 0.2710

Protanopia

57.7925, 0.2709, 0.2709

Deuteranopia

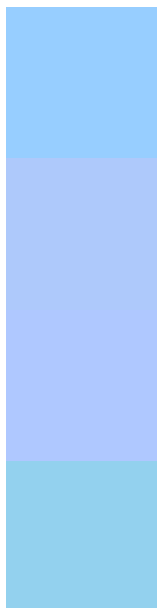
57.5187, 0.2685, 0.2628



Tritanopia

58.1193, 0.2582, 0.3076

Trichromacy



Original Color

57.9419, 0.2473, 0.2710

Protanomaly

57.7370, 0.2618, 0.2711

Deuteranomaly

57.6425, 0.2601, 0.2659

Tritanomaly

57.9770, 0.2543, 0.2933

Monochromacy



Original Color

57.9419, 0.2473, 0.2710

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4403, 0.2854, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9419, 0.2473, 0.2710 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 206, 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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.9419, 0.2473, 0.2710 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, 206, 255) }
```

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

```
.border{ border-color:rgb(151, 206, 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, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9419, 0.2473, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 206, 255) }
```

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

```
.background{ background-color: rgb(151,  
206, 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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