

Converting Colors

Yxy(58.8156, 0.2394, 0.2586)

Have a look what the booklet for
Yxy(58.8156, 0.2394, 0.2586)
contains.

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Color

Yxy(58.0487, 0.2454, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	93CFFF
RGB	147, 207, 255
RGB Percent	58%, 81%, 100%
CMY	0.4236, 0.1882, 0.0000
CMYK	0.42, 0.19, 0.00, 0.00
HSL	207°, 100%, 79%
HSV	207°, 42%, 100%
XYZ	52.3911, 58.0487, 103.0530
YIQ	194.5320, -51.1680, 2.2080

Conversions

Conversions Part 2

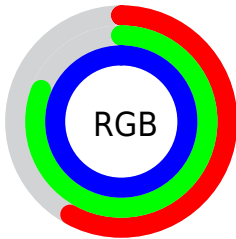
Format	Color
R_{YB}	147, 186, 255
Decimal	9687039
CIE _{Lab}	80.77, -7.13, -29.53
CIE _{LCh}	81, 30.376, 256.420
Yxy	58.0487, 0.2454, 0.2719
Android (android.graphics.Color)	4287877119 (0xFF93CFFF)
YUV	194.5320, 29.8107, -41.6856
Hunter-Lab	76.1897, -10.5881, -26.8619

Details

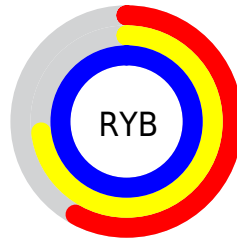
The Yxy color **58.0487, 0.2454, 0.2719** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3781, 0.4012, 0.3791**, and the grayscale version is **54.1204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **29.0333, 0.2293, 0.2581** is the 20% darker color. If you saturate the color by 10%, you get **50.6555, 0.2303, 0.2554**, and if you desaturate by 10%, it is **66.3621, 0.2612, 0.2874**.

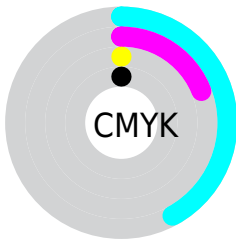
Distribution



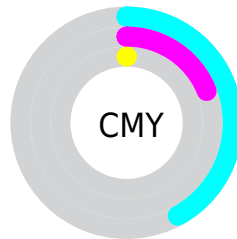
- Red (58%)
- Green (81%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0487, 0.2454, 0.2719 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 58.0487, 0.2454, 0.2719 by changing the saturation by 10% instead.


 58.0487, 0.2454,
0.2719

 58.0487, 0.2454,
0.2719


417.3674, 0.2769,
0.2992

 41.8478, 0.2382,
0.2655


 101.9938, 0.2564,
0.2815

 28.9821, 0.2293,
0.2576


 130.5067, 0.2606,
0.2852

 19.0673, 0.2181,
0.2474


163.8925, 0.2643,
0.2884

 11.7189, 0.2036,
0.2341

202.5355, 0.2675,
0.2911

 6.5526, 0.1843,
0.2160

246.8201, 0.2703,
0.2935

 3.1839, 0.1575,
0.1902

297.1307, 0.2727,

 1.2285, 0.1192,

0.2957

0.1518

353.8516, 0.2749,
0.2975

0.0848, 0.0000,
0.0303

0.0000, 0.0000,
0.0000

58.0487, 0.2454,
0.2719

58.0487, 0.2454,
0.2719

50.6555, 0.2303,
0.2554

66.3621, 0.2612,
0.2874

44.1334, 0.2164,
0.2383

75.6294, 0.2774,
0.3017

38.4368, 0.2042,
0.2207

85.8895, 0.2934,
0.3147

33.5117, 0.1940,
0.2032

97.1770, 0.3091,
0.3264

■ 29.2943, 0.1862,
0.1862

100.0000, 0.3127,
0.3290

■ 26.4831, 0.1816,
0.1737

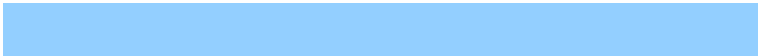
Harmonies

Analogous

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



58.0487, 0.2400, 0.2947



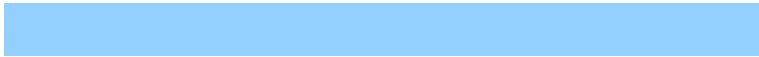
58.0487, 0.2454, 0.2719



58.0487, 0.2676, 0.2649

Triad

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



58.0487, 0.2454, 0.2719



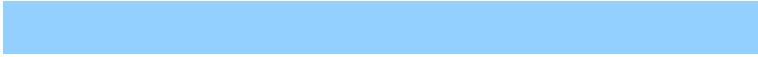
58.0487, 0.3763, 0.3233



58.0487, 0.3185, 0.3943

Complementary

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



58.0487, 0.2454, 0.2719



62.3781, 0.4012, 0.3791

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.



58.0487, 0.3565, 0.3992



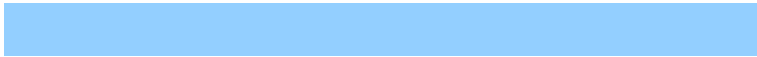
58.0487, 0.2454, 0.2719



58.0487, 0.3913, 0.3555

Square

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



58.0487, 0.2454, 0.2719



58.0487, 0.3431, 0.2940



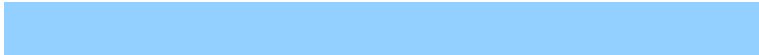
58.0487, 0.3836, 0.3836



58.0487, 0.2806, 0.3680

Rectangle

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



58.0487, 0.2454, 0.2719



58.0487, 0.2901, 0.2688



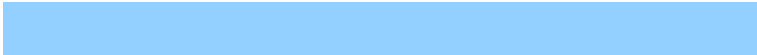
58.0487, 0.3836, 0.3836



58.0487, 0.3317, 0.3985

Sweetspot

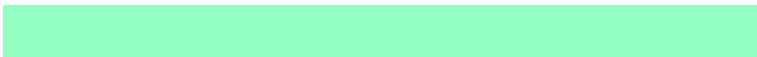
The Sweet Spot groups the original color and five complimentary colors.



58.0507, 0.2454, 0.2719



85.2074, 0.2924, 0.3139



81.6056, 0.2836, 0.4025



17.7376, 0.2889, 0.3111



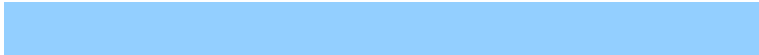
0.0000, 0.0000, 0.0000



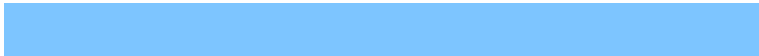
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0507, 0.2454, 0.2719



51.6123, 0.2323, 0.2577



36.5883, 0.2344, 0.2059



19.0521, 0.2979, 0.3182



14.1407, 0.1824, 0.1764



1.5949, 0.1876, 0.1953

Inverse Universe

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



46.6236, 0.3611, 0.2675



39.9562, 0.3756, 0.2558



90.3763, 0.3788, 0.4279



18.1561, 0.3207, 0.3159



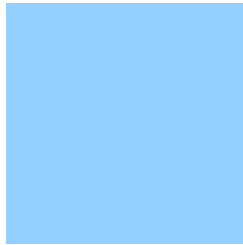
12.1555, 0.4728, 0.2378



1.2055, 0.4507, 0.2256

Previews

White Background



This preview shows how the Yxy color 58.0487, 0.2454, 0.2719 looks on a white background.

Color Contrast Check

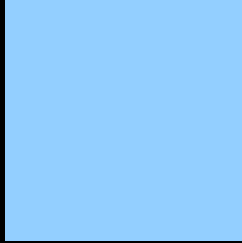
Large Text (above 18pt) WCAG AA × Fail

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 58.0487, 0.2454, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

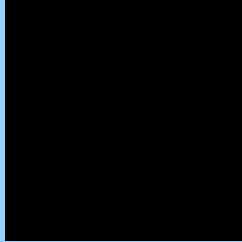
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

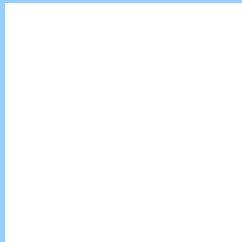
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0487, 0.2454, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 58.0487, 0.2454, 0.2719.

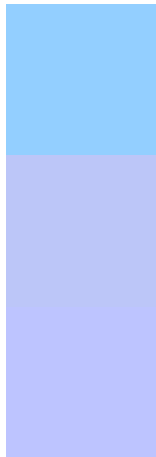


This preview shows how white text looks on a background with the Yxy color 58.0487, 0.2454, 0.2719.

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

58.0487, 0.2454, 0.2719

Protanopia

57.8568, 0.2722, 0.2721

Deuteranopia

57.5187, 0.2685, 0.2628



Tritanopia

58.3196, 0.2557, 0.3075

Trichromacy



Original Color

58.0487, 0.2454, 0.2719

Protanomaly

57.6226, 0.2612, 0.2710

Deuteranomaly

57.5272, 0.2595, 0.2658

Tritanomaly

58.1059, 0.2523, 0.2944

Monochromacy



Original Color

58.0487, 0.2454, 0.2719

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3216, 0.2847, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0487, 0.2454, 0.2719 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(147, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 207, 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(147, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.0487, 0.2454, 0.2719 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(147, 207, 255) }
```

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

```
.border{ border-color:rgb(147, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0487, 0.2454, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 207, 255) }
```

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

```
.background{ background-color: rgb(147,  
207, 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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