

Converting Colors

$Yxy(59.6868, 0.2441, 0.2767)$

Have a look what the booklet for
Yxy(59.6868, 0.2441, 0.2767)
contains.

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Color

Yxy(59.6482, 0.2442, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	8FD3FF
RGB	143, 211, 255
RGB Percent	56%, 83%, 100%
CMY	0.4395, 0.1725, 0.0000
CMYK	0.44, 0.17, 0.00, 0.00
HSL	204°, 100%, 78%
HSV	204°, 44%, 100%
XYZ	52.6612, 59.6482, 103.3385
YIQ	195.6840, -54.6520, -0.7320

Conversions

Conversions Part 2

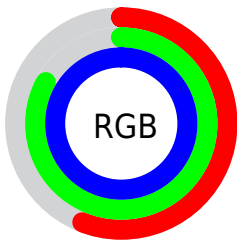
Format	Color
R _Y B	143, 185, 255
Decimal	9425919
CIE Lab	81.65, -10.23, -28.19
CIE LCh	82, 29.987, 250.062
Yxy	59.6482, 0.2442, 0.2766
Android (android.graphics.Color)	4287615999 (0xFF8FD3FF)
YUV	195.6840, 29.2428, -46.2039
Hunter-Lab	77.2322, -13.4453, -25.2688

Details

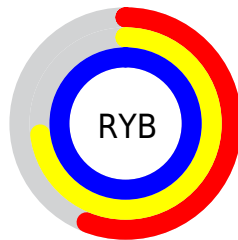
The Yxy color **59.6482, 0.2442, 0.2766** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.7398, 0.4083, 0.3751**, and the grayscale version is **54.8415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **30.1696, 0.2286, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **52.8102, 0.2299, 0.2621**, and if you desaturate by 10%, it is **67.3173, 0.2594, 0.2903**.

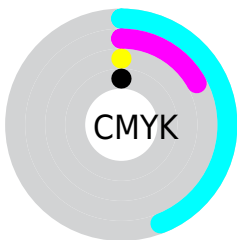
Distribution



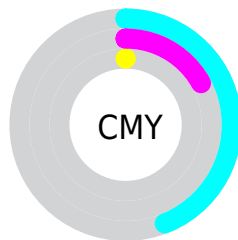
- Red (56%)
- Green (83%)
- Blue (100%)



- Red (56%)
- Yellow (73%)
- Blue (100%)



- Cyan (44%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6482, 0.2442, 0.2766 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 59.6482, 0.2442, 0.2766 by changing the saturation by 10% instead.


 59.6482, 0.2442,
0.2766


 59.6482, 0.2442,
0.2766


423.2998, 0.2761,
0.3018

 43.1351, 0.2370,
0.2707


 104.3192, 0.2553,
0.2855

 29.9912, 0.2280,
0.2633


 133.2459, 0.2596,
0.2889

 19.8319, 0.2168,
0.2539


167.0792, 0.2633,
0.2918

 12.2729, 0.2023,
0.2415

206.2036, 0.2665,
0.2943

 6.9298, 0.1831,
0.2245

251.0035, 0.2693,
0.2965

 3.4182, 0.1565,
0.2002

301.8632, 0.2718,

 1.3538, 0.1188,

0.2985

0.1635

359.1672, 0.2741,
0.3002

0.1823, 0.0000,
0.0624

0.0000, 0.0000,
0.0000

59.6482, 0.2442,
0.2766

59.6482, 0.2442,
0.2766

52.8102, 0.2299,
0.2621

67.3173, 0.2594,
0.2903

46.7554, 0.2170,
0.2470

75.8483, 0.2751,
0.3030

41.4405, 0.2059,
0.2316

85.2783, 0.2909,
0.3146

36.8129, 0.1969,
0.2162

95.6400, 0.3066,
0.3252

■ 32.8101, 0.1900,
0.2012

99.9995, 0.3127,
0.3290

■ 30.6394, 0.1868,
0.1923

Harmonies

Analogous

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



59.6482, 0.2426, 0.3020



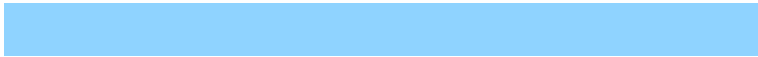
59.6482, 0.2442, 0.2766



59.6482, 0.2627, 0.2664

Triad

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



59.6482, 0.2442, 0.2766



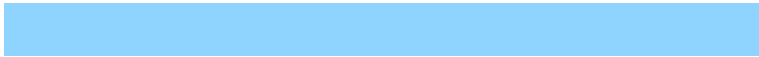
59.6482, 0.3692, 0.3169



59.6482, 0.3267, 0.3957

Complementary

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



59.6482, 0.2442, 0.2766



58.7398, 0.4083, 0.3751

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.



59.6482, 0.3624, 0.3959



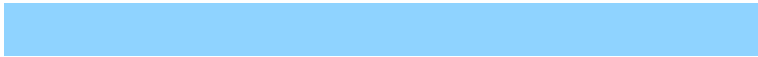
59.6482, 0.2442, 0.2766



59.6482, 0.3883, 0.3484

Square

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



59.6482, 0.2442, 0.2766



59.6482, 0.3343, 0.2895



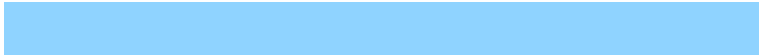
59.6482, 0.3855, 0.3774



59.6482, 0.2887, 0.3739

Rectangle

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



59.6482, 0.2442, 0.2766



59.6482, 0.2831, 0.2681



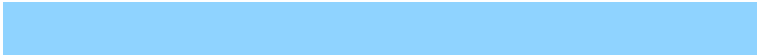
59.6482, 0.3855, 0.3774



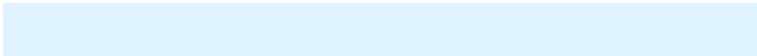
59.6482, 0.3394, 0.3982

Sweetspot

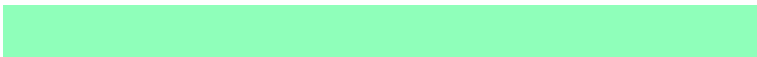
The Sweet Spot groups the original color and five complimentary colors.



59.6505, 0.2442, 0.2766



86.2252, 0.2924, 0.3157



80.8893, 0.2855, 0.4130



17.9891, 0.2889, 0.3132



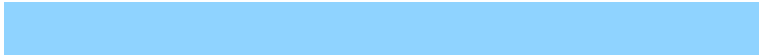
0.0000, 0.0000, 0.0000



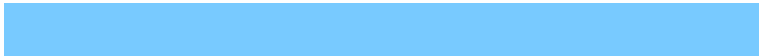
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6505, 0.2442, 0.2766



53.4274, 0.2312, 0.2635



36.8310, 0.2323, 0.2074



19.2147, 0.2979, 0.3194



16.3099, 0.1874, 0.1947



1.8009, 0.1921, 0.2116

Inverse Universe

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



45.5865, 0.3578, 0.2597



38.9195, 0.3713, 0.2466



86.6957, 0.3835, 0.4267



18.1725, 0.3199, 0.3147



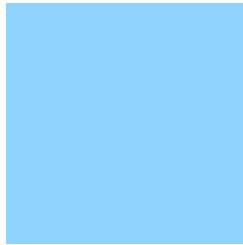
12.3745, 0.4513, 0.2260



1.2264, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 59.6482, 0.2442, 0.2766 looks on a white background.

Color Contrast Check

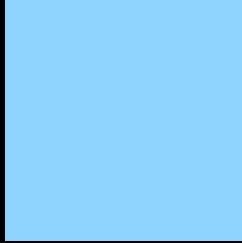
Large Text (above 18pt) WCAG AA × Fail

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 59.6482, 0.2442, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

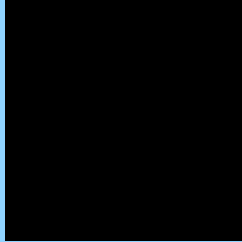
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

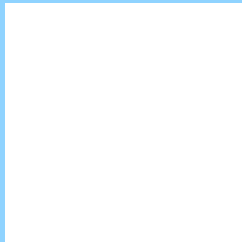
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6482, 0.2442, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 59.6482, 0.2442, 0.2766.

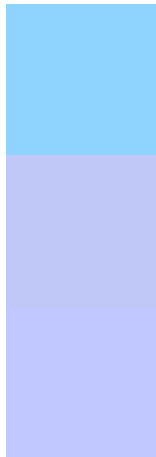


This preview shows how white text looks on a background with the Yxy color 59.6482, 0.2442, 0.2766.

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

59.6482, 0.2442, 0.2766

Protanopia

59.1003, 0.2749, 0.2757

Deuteranopia

59.4043, 0.2714, 0.2667



Tritanopia

59.6613, 0.2527, 0.3076

Trichromacy



Original Color

59.6482, 0.2442, 0.2766

Protanomaly

59.0865, 0.2628, 0.2758

Deuteranomaly

59.0458, 0.2605, 0.2695

Tritanomaly

59.8734, 0.2501, 0.2969

Monochromacy



Original Color

59.6482, 0.2442, 0.2766

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1302, 0.2841, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6482, 0.2442, 0.2766 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.6482, 0.2442, 0.2766 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, 211, 255) }
```

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

```
.border{ border-color:rgb(143, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6482, 0.2442, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 211, 255) }
```

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

```
.background{ background-color: rgb(143,  
211, 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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