

Converting Colors

$Y_{xy}(59.2975, 0.2423, 0.2763)$

Have a look what the booklet for
Yxy(59.2975, 0.2423, 0.2763)
contains.

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Color

Yxy(59.2975, 0.2423, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	8BD3FF
RGB	139, 211, 255
RGB Percent	55%, 83%, 100%
CMY	0.4546, 0.1726, 0.0000
CMYK	0.45, 0.17, 0.00, 0.00
HSL	203°, 100%, 77%
HSV	203°, 45%, 100%
XYZ	52.0007, 59.2975, 103.3146
YIQ	194.4880, -57.0360, -1.5800

Conversions

Conversions Part 2

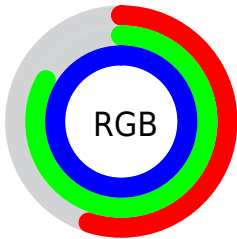
Format	Color
R_{YB}	139, 183, 255
Decimal	9163775
CIE _{Lab}	81.45, -11.12, -28.51
CIE _{LCh}	81, 30.599, 248.683
Yxy	59.2975, 0.2423, 0.2763
Android (android.graphics.Color)	4287353855 (0xFF8BD3FF)
YUV	194.4880, 29.8324, -48.6630
Hunter-Lab	77.0049, -14.2191, -25.6438

Details

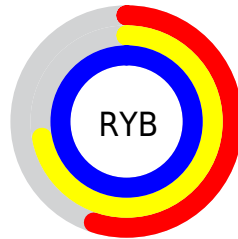
The Yxy color **59.2975, 0.2423, 0.2763** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.0278, 0.4134, 0.3751**, and the grayscale version is **54.1082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **29.9405, 0.2261, 0.2639** is the 20% darker color. If you saturate the color by 10%, you get **52.6871, 0.2284, 0.2622**, and if you desaturate by 10%, it is **66.7135, 0.2572, 0.2897**.

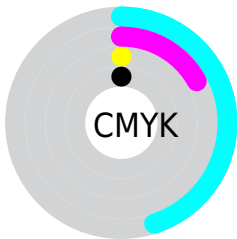
Distribution



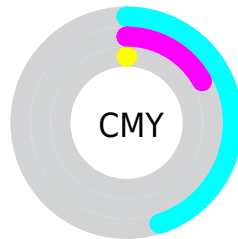
- Red (55%)
- Green (83%)
- Blue (100%)



- Red (55%)
- Yellow (72%)
- Blue (100%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2975, 0.2423, 0.2763 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 59.2975, 0.2423, 0.2763 by changing the saturation by 10% instead.


 59.2975, 0.2423,
0.2763

 59.2975, 0.2423,
0.2763

422.0035, 0.2751,
0.3017

 42.8527, 0.2349,
0.2703


 103.8099, 0.2537,
0.2853

 29.7695, 0.2257,
0.2629


 132.6463, 0.2581,
0.2887

 19.6637, 0.2142,
0.2533


166.3820, 0.2619,
0.2916

 12.1508, 0.1994,
0.2408

205.4013, 0.2652,
0.2942

 6.8465, 0.1797,
0.2236

250.0887, 0.2681,
0.2964

 3.3663, 0.1526,
0.1989

300.8287, 0.2707,

 1.3258, 0.1143,

0.2984

0.1617

358.0055, 0.2730,
0.3001

0.1611, 0.0000,
0.0555

0.0000, 0.0000,
0.0000

59.2975, 0.2423,
0.2763

59.2975, 0.2423,
0.2763

52.6871, 0.2284,
0.2622

66.7135, 0.2572,
0.2897

46.8353, 0.2159,
0.2476

74.9667, 0.2728,
0.3021

41.6979, 0.2053,
0.2327

84.0938, 0.2886,
0.3135

37.2221, 0.1968,
0.2178

94.1273, 0.3043,
0.3238

■ 33.3434, 0.1904,
0.2034

100.0000, 0.3127,
0.3290

■ 31.7399, 0.1880,
0.1969

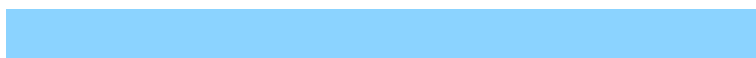
Harmonies

Analogous

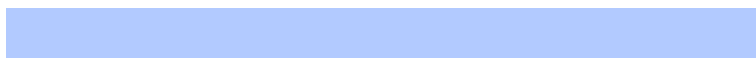
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.2975, 0.2415, 0.3029



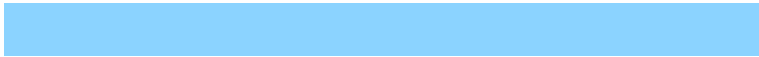
59.2975, 0.2423, 0.2763



59.2975, 0.2604, 0.2652

Triad

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



59.2975, 0.2423, 0.2763



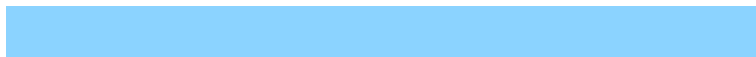
59.2975, 0.3691, 0.3152



59.2975, 0.3288, 0.3978

Complementary

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



59.2975, 0.2423, 0.2763



57.0278, 0.4134, 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.



59.2975, 0.3649, 0.3969



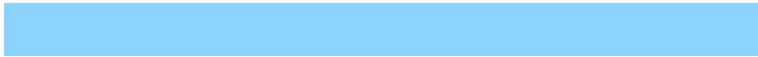
59.2975, 0.2423, 0.2763



59.2975, 0.3896, 0.3473

Square

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



59.2975, 0.2423, 0.2763



59.2975, 0.3329, 0.2876



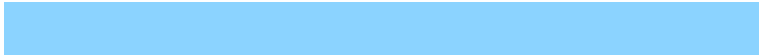
59.2975, 0.3877, 0.3772



59.2975, 0.2898, 0.3765

Rectangle

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



59.2975, 0.2423, 0.2763



59.2975, 0.2808, 0.2665



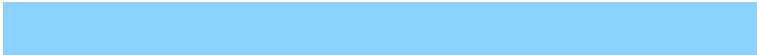
59.2975, 0.3877, 0.3772



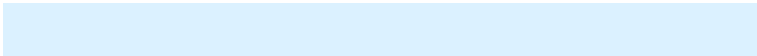
59.2975, 0.3417, 0.4000

Sweetspot

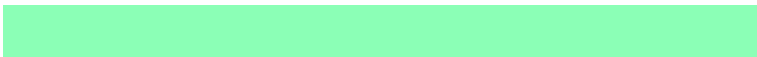
The Sweet Spot groups the original color and five complimentary colors.



59.2995, 0.2423, 0.2763



85.5023, 0.2909, 0.3150



80.3755, 0.2857, 0.4190



17.8572, 0.2875, 0.3127



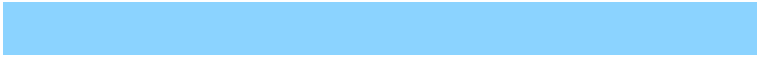
0.0000, 0.0000, 0.0000



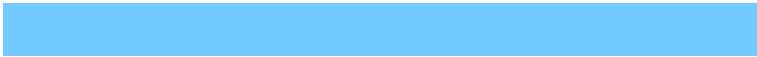
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2995, 0.2423, 0.2763



52.9748, 0.2290, 0.2629



36.0025, 0.2296, 0.2048



19.2549, 0.2979, 0.3198



16.8820, 0.1887, 0.1993



1.8546, 0.1932, 0.2156

Inverse Universe

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



44.4496, 0.3585, 0.2560



37.7173, 0.3725, 0.2423



85.1779, 0.3867, 0.4281



18.1766, 0.3197, 0.3144



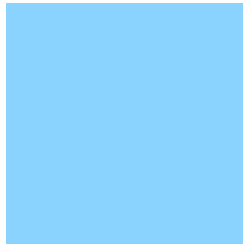
12.4322, 0.4461, 0.2231



1.2318, 0.4279, 0.2131

Previews

White Background



This preview shows how the Yxy color 59.2975, 0.2423, 0.2763 looks on a white background.

Color Contrast Check

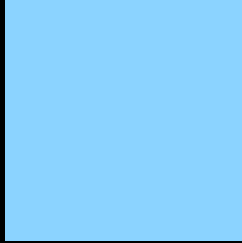
Large Text (above 18pt) WCAG AA × Fail

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 59.2975, 0.2423, 0.2763 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

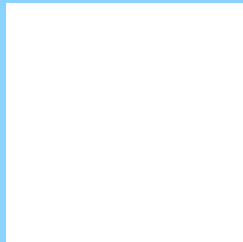
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2975, 0.2423, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 59.2975, 0.2423, 0.2763.



This preview shows how white text looks on a background with the Yxy color 59.2975, 0.2423, 0.2763.

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

59.2975, 0.2423, 0.2763

Protanopia

59.1003, 0.2749, 0.2757

Deuteranopia

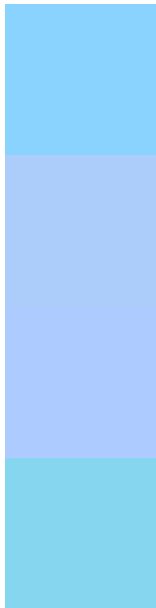
58.8146, 0.2707, 0.2654



Tritanopia

59.3326, 0.2507, 0.3075

Trichromacy



Original Color

59.2975, 0.2423, 0.2763

Protanomaly

58.8585, 0.2615, 0.2756

Deuteranomaly

58.8161, 0.2593, 0.2693

Tritanomaly

59.5353, 0.2481, 0.2968

Monochromacy



Original Color

59.2975, 0.2423, 0.2763

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.8970, 0.2827, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2975, 0.2423, 0.2763 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(139, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2975, 0.2423, 0.2763 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(139, 211, 255) }
```

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

```
.border{ border-color:rgb(139, 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(139, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2975, 0.2423, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 211, 255) }
```

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

```
.background{ background-color: rgb(139,  
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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