

Converting Colors

Yxy(59.7386, 0.2394, 0.2646)

Have a look what the booklet for
Yxy(59.7386, 0.2394, 0.2646)
contains.

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Color

Yxy(59.1528, 0.2440, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	8FD2FF
RGB	143, 210, 255
RGB Percent	56%, 82%, 100%
CMY	0.4392, 0.1765, 0.0000
CMYK	0.44, 0.18, 0.00, 0.00
HSL	204°, 100%, 78%
HSV	204°, 44%, 100%
XYZ	52.4275, 59.1528, 103.2864
YIQ	195.0970, -54.3770, -0.2090

Conversions

Conversions Part 2

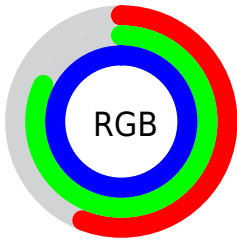
Format	Color
RYB	143, 185, 255
Decimal	9425663
CIELab	81.38, -9.67, -28.62
CIELCh	81, 30.212, 251.341
Yxy	59.1528, 0.2440, 0.2753
Android (android.graphics.Color)	4287615743 (0xFF8FD2FF)
YUV	195.0970, 29.5322, -45.6891
Hunter-Lab	76.9109, -12.9167, -25.7851

Details

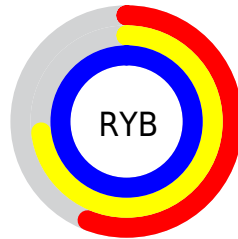
The Yxy color **59.1528, 0.2440, 0.2753** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.2099, 0.4077, 0.3761**, and the grayscale version is **54.4788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **29.8326, 0.2282, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **52.2318, 0.2296, 0.2604**, and if you desaturate by 10%, it is **66.9155, 0.2593, 0.2894**.

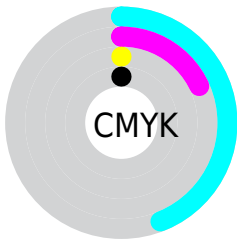
Distribution



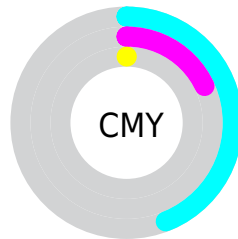
- Red (56%)
- Green (82%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1528, 0.2440, 0.2753 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 59.1528, 0.2440, 0.2753 by changing the saturation by 10% instead.

■ 59.1528, 0.2440,
0.2753

■ 59.1528, 0.2440,
0.2753

■ 421.4679, 0.2760,
0.3011

■ 42.7361, 0.2367,
0.2692

■ 103.5997, 0.2551,
0.2844

■ 29.6781, 0.2277,
0.2617

■ 132.3987, 0.2594,
0.2879

■ 19.5944, 0.2165,
0.2521

■ 166.0940, 0.2631,
0.2909

■ 12.1006, 0.2019,
0.2394

■ 205.0699, 0.2664,
0.2935

■ 6.8122, 0.1825,
0.2221

■ 249.7109, 0.2692,
0.2957

■ 3.3449, 0.1557,
0.1973

■ 300.4013, 0.2718,

■ 1.3144, 0.1177,

0.2977

0.1600

357.5255, 0.2740,
0.2995

0.1523, 0.0000,
0.0527

0.0000, 0.0000,
0.0000

59.1528, 0.2440,
0.2753

59.1528, 0.2440,
0.2753

52.2318, 0.2296,
0.2604

66.9155, 0.2593,
0.2894

46.1101, 0.2166,
0.2450

75.5570, 0.2751,
0.3024

40.7418, 0.2053,
0.2292

85.1129, 0.2910,
0.3143

36.0741, 0.1961,
0.2134

95.6161, 0.3067,
0.3251

■ 32.0440, 0.1892,
0.1980

100.0000, 0.3127,
0.3290

■ 29.8536, 0.1858,
0.1889

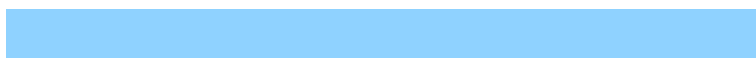
Harmonies

Analogous

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



59.1528, 0.2416, 0.3003



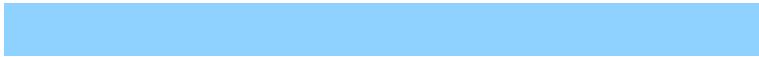
59.1528, 0.2440, 0.2753



59.1528, 0.2634, 0.2657

Triad

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



59.1528, 0.2440, 0.2753



59.1528, 0.3710, 0.3181



59.1528, 0.3252, 0.3959

Complementary

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



59.1528, 0.2440, 0.2753



59.2099, 0.4077, 0.3761

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.



59.1528, 0.3615, 0.3970



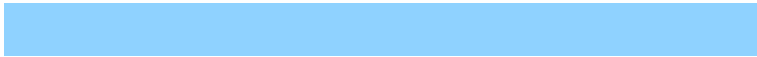
59.1528, 0.2440, 0.2753



59.1528, 0.3895, 0.3499

Square

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



59.1528, 0.2440, 0.2753



59.1528, 0.3361, 0.2902



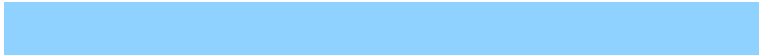
59.1528, 0.3856, 0.3789



59.1528, 0.2869, 0.3731

Rectangle

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



59.1528, 0.2440, 0.2753



59.1528, 0.2843, 0.2679



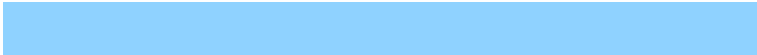
59.1528, 0.3856, 0.3789



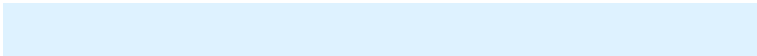
59.1528, 0.3380, 0.3988

Sweetspot

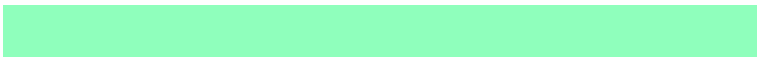
The Sweet Spot groups the original color and five complimentary colors.



59.1531, 0.2440, 0.2753



86.0403, 0.2924, 0.3154



80.9820, 0.2846, 0.4105



17.9434, 0.2889, 0.3128



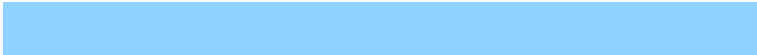
0.0000, 0.0000, 0.0000



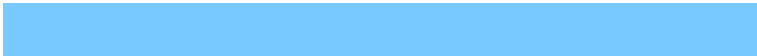
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1531, 0.2440, 0.2753



52.8353, 0.2309, 0.2618



36.2373, 0.2319, 0.2051



19.1852, 0.2979, 0.3192



15.8996, 0.1865, 0.1914



1.7623, 0.1913, 0.2086

Inverse Universe

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



45.5584, 0.3588, 0.2608



38.8598, 0.3727, 0.2478



87.8243, 0.3827, 0.4282



18.1696, 0.3200, 0.3149



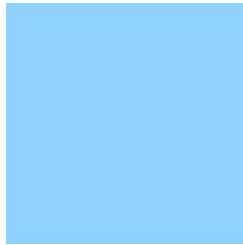
12.3330, 0.4552, 0.2281



1.2224, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 59.1528, 0.2440, 0.2753 looks on a white background.

Color Contrast Check

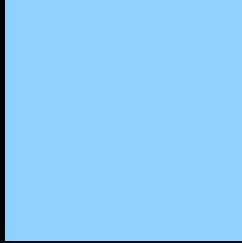
Large Text (above 18pt) WCAG AA × Fail

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 59.1528, 0.2440, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

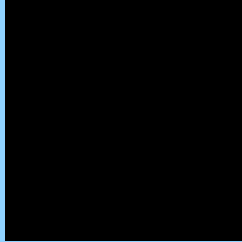
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1528, 0.2440, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 59.1528, 0.2440, 0.2753.



This preview shows how white text looks on a background with the Yxy color 59.1528, 0.2440, 0.2753.

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

59.1528, 0.2440, 0.2753

Protanopia

58.5713, 0.2736, 0.2734

Deuteranopia

58.8146, 0.2707, 0.2654



Tritanopia

59.0969, 0.2530, 0.3075

Trichromacy



Original Color

59.1528, 0.2440, 0.2753

Protanomaly

58.5611, 0.2615, 0.2734

Deuteranomaly

58.4597, 0.2598, 0.2682

Tritanomaly

59.3687, 0.2499, 0.2957

Monochromacy



Original Color

59.1528, 0.2440, 0.2753

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5484, 0.2833, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1528, 0.2440, 0.2753 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 210, 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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.1528, 0.2440, 0.2753 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, 210, 255) }
```

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

```
.border{ border-color:rgb(143, 210, 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, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1528, 0.2440, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 210, 255) }
```

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

```
.background{ background-color: rgb(143,  
210, 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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