

Converting Colors

$Yxy(51.7720, 0.2432, 0.2618)$

Have a look what the booklet for
Yxy(51.7720, 0.2432, 0.2618)
contains.

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Color

Yxy(51.7720, 0.2432, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	8FC3FA
RGB	143, 195, 250
RGB Percent	56%, 76%, 98%
CMY	0.4393, 0.2353, 0.0197
CMYK	0.43, 0.22, 0.00, 0.02
HSL	211°, 91%, 77%
HSV	211°, 43%, 98%
XYZ	48.0938, 51.7720, 97.8882
YIQ	185.7220, -48.6470, 6.0810

Conversions

Conversions Part 2

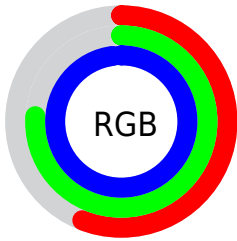
Format	Color
R_{YB}	143, 178, 250
Decimal	9421818
CIE _{Lab}	77.14, -3.05, -32.43
CIE _{LCh}	77, 32.578, 264.623
Yxy	51.7720, 0.2432, 0.2618
Android (android.graphics.Color)	4287611898 (0xFF8FC3FA)
YUV	185.7220, 31.6891, -37.4672
Hunter-Lab	71.9528, -6.6066, -30.2942

Details

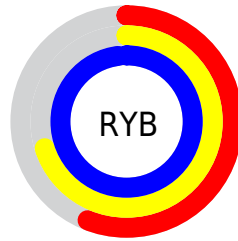
The Yxy color **51.7720, 0.2432, 0.2618** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.6751, 0.3987, 0.3871**, and the grayscale version is **48.7784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4937, 0.2802, 0.3247**, and **25.2225, 0.2265, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **44.2754, 0.2272, 0.2425**, and if you desaturate by 10%, it is **60.2647, 0.2597, 0.2799**.

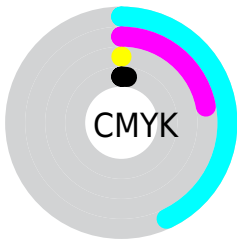
Distribution



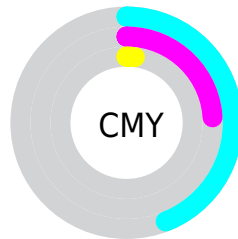
- Red (56%)
- Green (76%)
- Blue (98%)



- Red (56%)
- Yellow (70%)
- Blue (98%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7720, 0.2432, 0.2618 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 51.7720, 0.2432, 0.2618 by changing the saturation by 10% instead.

■ 51.7720, 0.2432,
0.2618

■ 51.7720, 0.2432,
0.2618

■ 393.5558, 0.2764,
0.2942

■ 36.8234, 0.2355,
0.2542

■ 92.7949, 0.2548,
0.2732

■ 25.0708, 0.2259,
0.2447

■ 119.6380, 0.2593,
0.2776

■ 16.1298, 0.2137,
0.2326

■ 151.2146, 0.2632,
0.2814

■ 9.6160, 0.1978,
0.2167

■ 187.9093, 0.2665,
0.2846

■ 5.1451, 0.1763,
0.1950

■ 230.1063, 0.2695,
0.2875

■ 2.3327, 0.1464,
0.1643

■ 278.1902, 0.2720,

■ 0.7909, 0.1023,

0.2900

0.1195

332.5452, 0.2743,
0.2922

0.0000, 0.0000,
0.0000

51.7720, 0.2432,
0.2618

51.7720, 0.2432,
0.2618

44.2754, 0.2272,
0.2425

60.2647, 0.2597,
0.2799

37.7232, 0.2124,
0.2225

69.7899, 0.2763,
0.2966

32.0670, 0.1992,
0.2022

80.3890, 0.2927,
0.3118

27.2499, 0.1883,
0.1821

92.0992, 0.3084,
0.3255

23.2054, 0.1798,
0.1630

99.6813, 0.3156,
0.3338

■ 20.7084, 0.1750,
0.1500

Harmonies

Analogous

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



51.7720, 0.2320, 0.2820



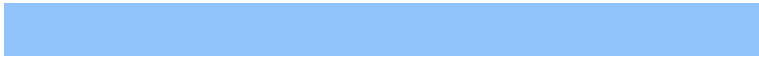
51.7720, 0.2432, 0.2618



51.7720, 0.2721, 0.2591

Triad

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



51.7720, 0.2432, 0.2618



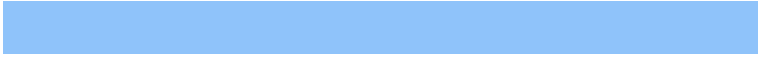
51.7720, 0.3907, 0.3320



51.7720, 0.3068, 0.3964

Complementary

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



51.7720, 0.2432, 0.2618



62.6751, 0.3987, 0.3871

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.



51.7720, 0.3502, 0.4085



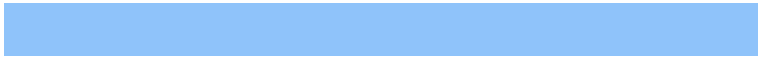
51.7720, 0.2432, 0.2618



51.7720, 0.4005, 0.3671

Square

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



51.7720, 0.2432, 0.2618



51.7720, 0.3580, 0.2983



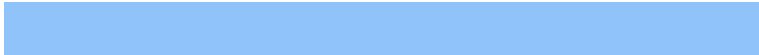
51.7720, 0.3850, 0.3959



51.7720, 0.2669, 0.3615

Rectangle

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



51.7720, 0.2432, 0.2618



51.7720, 0.2990, 0.2664



51.7720, 0.3850, 0.3959



51.7720, 0.3215, 0.4034

Sweetspot

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



51.7740, 0.2432, 0.2618



83.8561, 0.2923, 0.3115



78.2086, 0.2798, 0.3942



17.4043, 0.2888, 0.3083



0.0000, 0.0000, 0.0000



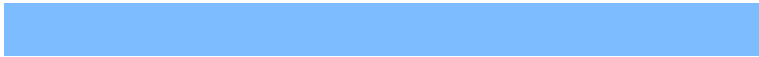
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7740, 0.2432, 0.2618



47.6197, 0.2300, 0.2460



32.3802, 0.2321, 0.1957



18.0361, 0.2980, 0.3165



11.2715, 0.1758, 0.1529



1.2553, 0.1819, 0.1749

Inverse Universe

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



43.9026, 0.3693, 0.2744



39.5532, 0.3857, 0.2646



90.6667, 0.3767, 0.4347



17.3659, 0.3217, 0.3175



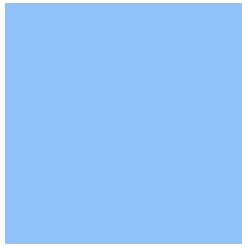
11.5488, 0.5021, 0.2540



1.0910, 0.4747, 0.2389

Previews

White Background



This preview shows how the Yxy color 51.7720, 0.2432, 0.2618 looks on a white background.

Color Contrast Check

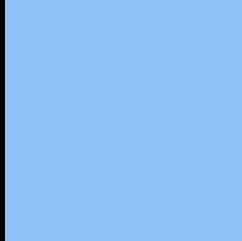
Large Text (above 18pt) WCAG AA × Fail

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 51.7720, 0.2432, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

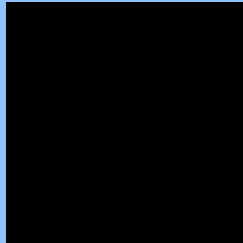
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

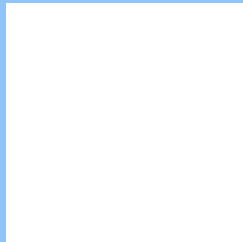
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7720, 0.2432, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 51.7720, 0.2432, 0.2618.



This preview shows how white text looks on a background with the Yxy color 51.7720, 0.2432, 0.2618.

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

51.7720, 0.2432, 0.2618

Protanopia

51.6730, 0.2641, 0.2617

Deuteranopia

51.5676, 0.2593, 0.2532



Tritanopia

51.8514, 0.2567, 0.3078

Trichromacy



Original Color

51.7720, 0.2432, 0.2618

Protanomaly

51.7635, 0.2557, 0.2619

Deuteranomaly

51.5785, 0.2533, 0.2565

Tritanomaly

51.8224, 0.2515, 0.2904

Monochromacy



Original Color

51.7720, 0.2432, 0.2618

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5447, 0.2835, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7720, 0.2432, 0.2618 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, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 250)  
}
```

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, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 250) }
```

Border

The CSS property to change the border of an element to Yxy 51.7720, 0.2432, 0.2618 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, 195, 250) }
```

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

```
.border{ border-color:rgb(143, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7720, 0.2432, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 250) }
```

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

```
.background{ background-color: rgb(143,  
195, 250) }
```

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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