

Converting Colors

$Yxy(53.0971, 0.2393, 0.2599)$

Have a look what the booklet for
Yxy(53.0971, 0.2393, 0.2599)
contains.

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Color

Yxy(53.0971, 0.2393, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	8BC6FF
RGB	139, 198, 255
RGB Percent	55%, 78%, 100%
CMY	0.4551, 0.2235, 0.0000
CMYK	0.46, 0.22, 0.00, 0.00
HSL	209°, 100%, 77%
HSV	209°, 46%, 100%
XYZ	48.8886, 53.0971, 102.3125
YIQ	186.8570, -53.4610, 5.2190

Conversions

Conversions Part 2

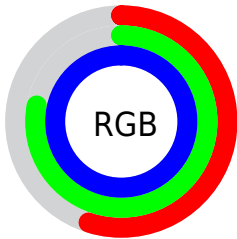
Format	Color
R _Y B	139, 178, 255
Decimal	9160447
CIE Lab	77.93, -4.27, -33.94
CIE LCh	78, 34.208, 262.835
Yxy	53.0971, 0.2393, 0.2599
Android (android.graphics.Color)	4287350527 (0xFF8BC6FF)
YUV	186.8570, 33.5945, -41.9706
Hunter-Lab	72.8678, -7.7591, -32.2408

Details

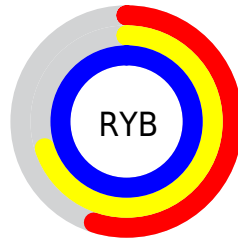
The Yxy color **53.0971, 0.2393, 0.2599** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.5712, 0.4070, 0.3881**, and the grayscale version is **49.4315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.7731, 0.2212, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **45.6625, 0.2239, 0.2413**, and if you desaturate by 10%, it is **61.5155, 0.2555, 0.2775**.

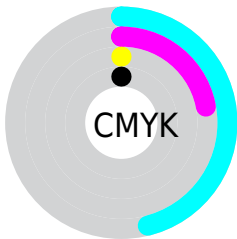
Distribution



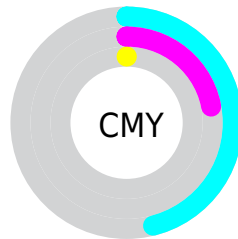
- Red (55%)
- Green (78%)
- Blue (100%)



- Red (55%)
- Yellow (70%)
- Blue (100%)



- Cyan (46%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0971, 0.2393, 0.2599 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 53.0971, 0.2393, 0.2599 by changing the saturation by 10% instead.

■ 53.0971, 0.2393,
0.2599

■ 53.0971, 0.2393,
0.2599

■ 398.6575, 0.2741,
0.2930

■ 37.8803, 0.2313,
0.2521

■ 94.7472, 0.2515,
0.2716

■ 25.8898, 0.2214,
0.2425

■ 121.9493, 0.2562,
0.2761

■ 16.7412, 0.2088,
0.2302

■ 153.9154, 0.2602,
0.2799

■ 10.0502, 0.1926,
0.2142

■ 191.0296, 0.2637,
0.2832

■ 5.4322, 0.1709,
0.1925

■ 233.6766, 0.2668,
0.2862

■ 2.5030, 0.1411,
0.1622

■ 282.2407, 0.2695,

■ 0.8782, 0.0988,

0.2887

0.1187

337.1062, 0.2719,
0.2910

0.0000, 0.0000,
0.0000

53.0971, 0.2393,
0.2599

53.0971, 0.2393,
0.2599

45.6625, 0.2239,
0.2413

61.5155, 0.2555,
0.2775

39.1661, 0.2098,
0.2220

70.9633, 0.2720,
0.2939

33.5546, 0.1975,
0.2026

81.4802, 0.2883,
0.3088

28.7679, 0.1875,
0.1835

93.1044, 0.3042,
0.3222

24.7344, 0.1799,
0.1653

100.0000, 0.3127,
0.3290

■ 23.1277, 0.1771,
0.1575

Harmonies

Analogous

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



53.0971, 0.2289, 0.2818



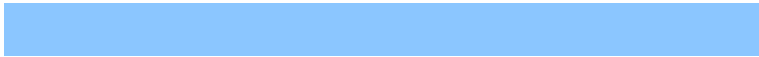
53.0971, 0.2393, 0.2599



53.0971, 0.2682, 0.2562

Triad

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



53.0971, 0.2393, 0.2599



53.0971, 0.3925, 0.3297



53.0971, 0.3092, 0.4010

Complementary

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



53.0971, 0.2393, 0.2599



62.5712, 0.4070, 0.3881

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.



53.0971, 0.3541, 0.4117



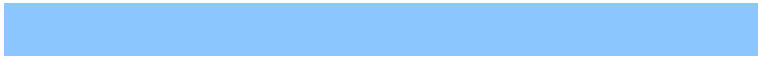
53.0971, 0.2393, 0.2599



53.0971, 0.4042, 0.3663

Square

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



53.0971, 0.2393, 0.2599



53.0971, 0.3572, 0.2952



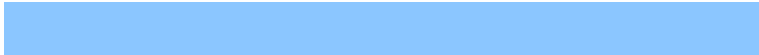
53.0971, 0.3894, 0.3971



53.0971, 0.2672, 0.3655

Rectangle

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



53.0971, 0.2393, 0.2599



53.0971, 0.2957, 0.2631



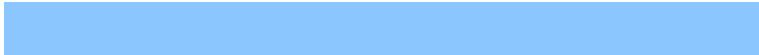
53.0971, 0.3894, 0.3971



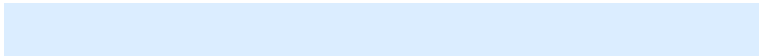
53.0971, 0.3244, 0.4076

Sweetspot

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



53.0965, 0.2393, 0.2599



83.1674, 0.2907, 0.3109



80.9456, 0.2792, 0.4017



17.2880, 0.2873, 0.3079



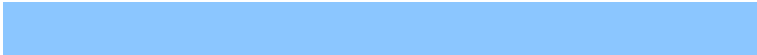
0.0000, 0.0000, 0.0000



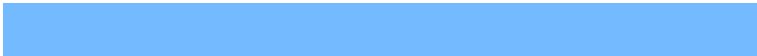
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0965, 0.2393, 0.2599



46.0209, 0.2247, 0.2423



31.7169, 0.2265, 0.1881



18.9062, 0.2979, 0.3170



12.3845, 0.1779, 0.1604



1.4245, 0.1835, 0.1807

Inverse Universe

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



43.7858, 0.3718, 0.2684



37.0153, 0.3906, 0.2572



93.4144, 0.3812, 0.4394



18.1414, 0.3214, 0.3170



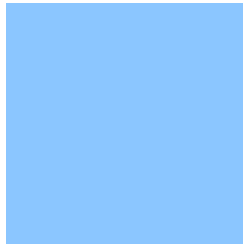
11.9782, 0.4926, 0.2487



1.1884, 0.4677, 0.2350

Previews

White Background



This preview shows how the Yxy color 53.0971, 0.2393, 0.2599 looks on a white background.

Color Contrast Check

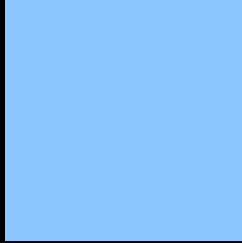
Large Text (above 18pt) WCAG AA × Fail

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 53.0971, 0.2393, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

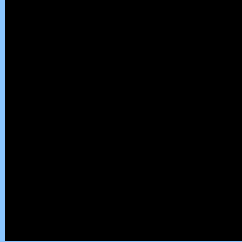
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

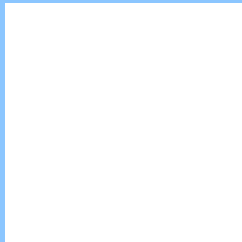
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0971, 0.2393, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 53.0971, 0.2393, 0.2599.

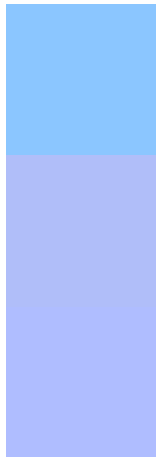


This preview shows how white text looks on a background with the Yxy color 53.0971, 0.2393, 0.2599.

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

53.0971, 0.2393, 0.2599

Protanopia

52.8966, 0.2627, 0.2602

Deuteranopia

52.7292, 0.2585, 0.2528



Tritanopia

53.0733, 0.2524, 0.3066

Trichromacy



Original Color

53.0971, 0.2393, 0.2599

Protanomaly

52.8915, 0.2538, 0.2602

Deuteranomaly

52.6007, 0.2509, 0.2548

Tritanomaly

53.1108, 0.2479, 0.2893

Monochromacy



Original Color

53.0971, 0.2393, 0.2599

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5611, 0.2816, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0971, 0.2393, 0.2599 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0971, 0.2393, 0.2599 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, 198, 255) }
```

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

```
.border{ border-color:rgb(139, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0971, 0.2393, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 255) }
```

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

```
.background{ background-color: rgb(139,  
198, 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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