

Converting Colors

Yxy(53.9466, 0.2355, 0.2631)

Have a look what the booklet for
Yxy(53.9466, 0.2355, 0.2631)
contains.

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Color

Yxy(53.7391, 0.2356, 0.2630)

Conversions

Conversions Part 1

Format	Color
Hex	82C9FF
RGB	130, 201, 255
RGB Percent	51%, 79%, 100%
CMY	0.4903, 0.2117, 0.0000
CMYK	0.49, 0.21, 0.00, 0.00
HSL	206°, 100%, 75%
HSV	206°, 49%, 100%
XYZ	48.1404, 53.7391, 102.4517
YIQ	185.9270, -59.6500, 1.7420

Conversions

Conversions Part 2

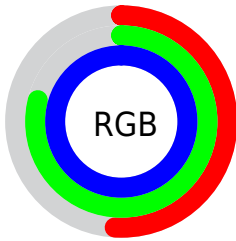
Format	Color
R _Y B	130, 175, 255
Decimal	8571391
CIE Lab	78.31, -7.95, -33.38
CIE LCh	78, 34.312, 256.610
Yxy	53.7391, 0.2356, 0.2630
Android (android.graphics.Color)	4286761471 (0xFF82C9FF)
YUV	185.9270, 34.0530, -49.0480
Hunter-Lab	73.3070, -11.0668, -31.5471

Details

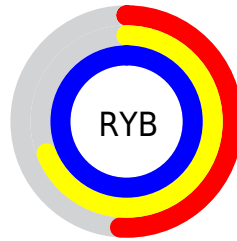
The Yxy color **53.7391, 0.2356, 0.2630** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.1391, 0.4205, 0.3851**, and the grayscale version is **48.8883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4314, 0.2742, 0.3289**, and **26.2467, 0.2170, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **47.0161, 0.2214, 0.2465**, and if you desaturate by 10%, it is **61.3323, 0.2509, 0.2787**.

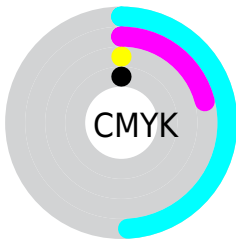
Distribution



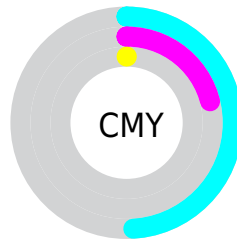
- Red (51%)
- Green (79%)
- Blue (100%)



- Red (51%)
- Yellow (69%)
- Blue (100%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7391, 0.2356, 0.2630 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 53.7391, 0.2356, 0.2630 by changing the saturation by 10% instead.


 53.7391, 0.2356,
0.2630


 53.7391, 0.2356,
0.2630


401.1143, 0.2719,
0.2949


 38.3931, 0.2273,
0.2555


 95.6911, 0.2483,
0.2743

 26.2879, 0.2170,
0.2462


 123.0658, 0.2532,
0.2786

 17.0392, 0.2040,
0.2342


 155.2190, 0.2574,
0.2823

 10.2624, 0.1873,
0.2186

192.5349, 0.2611,
0.2855

 5.5733, 0.1651,
0.1973

235.3980, 0.2643,
0.2883

 2.5874, 0.1348,
0.1674

284.1927, 0.2671,

 0.9203, 0.0918,

0.2907

0.1242

339.3033, 0.2697,
0.2929

0.0000, 0.0000,
0.0000

53.7391, 0.2356,
0.2630

53.7391, 0.2356,
0.2630

47.0161, 0.2214,
0.2465

61.3323, 0.2509,
0.2787

41.1142, 0.2088,
0.2296

69.8331, 0.2667,
0.2933

35.9838, 0.1981,
0.2125

79.2808, 0.2828,
0.3068

31.5659, 0.1897,
0.1958

89.7108, 0.2987,
0.3190

27.7766, 0.1834,
0.1797

100.0000, 0.3127,
0.3290

■ 27.4327, 0.1828,
0.1781

Harmonies

Analogous

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



53.7391, 0.2293, 0.2886



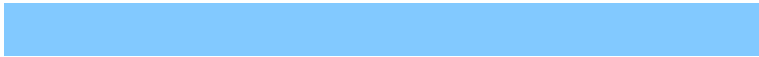
53.7391, 0.2356, 0.2630



53.7391, 0.2609, 0.2556

Triad

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



53.7391, 0.2356, 0.2630



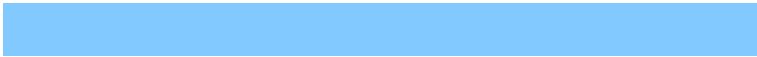
53.7391, 0.3867, 0.3222



53.7391, 0.3187, 0.4054

Complementary

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



53.7391, 0.2356, 0.2630



57.1391, 0.4205, 0.3851

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.



53.7391, 0.3626, 0.4105



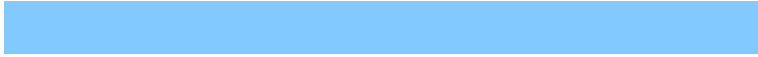
53.7391, 0.2356, 0.2630



53.7391, 0.4040, 0.3589

Square

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



53.7391, 0.2356, 0.2630



53.7391, 0.3480, 0.2890



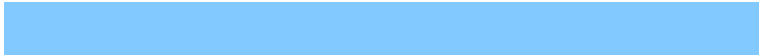
53.7391, 0.3944, 0.3916



53.7391, 0.2751, 0.3743

Rectangle

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



53.7391, 0.2356, 0.2630



53.7391, 0.2866, 0.2602



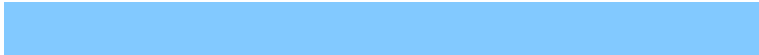
53.7391, 0.3944, 0.3916



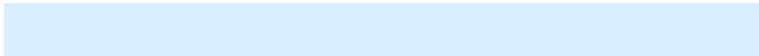
53.7391, 0.3339, 0.4102

Sweetspot

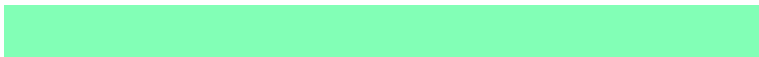
The Sweet Spot groups the original color and five complimentary colors.



53.7404, 0.2356, 0.2630



83.3632, 0.2892, 0.3119



79.6442, 0.2813, 0.4194



17.3817, 0.2858, 0.3092



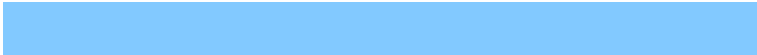
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



53.7404, 0.2356, 0.2630



47.0345, 0.2215, 0.2466



30.8355, 0.2208, 0.1856



19.0908, 0.2979, 0.3185



14.6367, 0.1836, 0.1808



1.6424, 0.1887, 0.1992

Inverse Universe

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



41.4361, 0.3705, 0.2569



34.9906, 0.3882, 0.2445



87.9228, 0.3896, 0.4403



18.1600, 0.3205, 0.3156



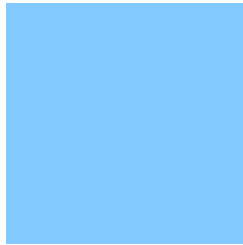
12.2056, 0.4676, 0.2350



1.2103, 0.4462, 0.2232

Previews

White Background



This preview shows how the Yxy color 53.7391, 0.2356, 0.2630 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 53.7391, 0.2356, 0.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

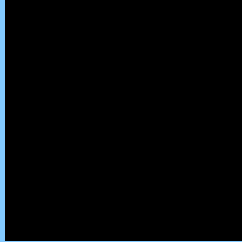
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

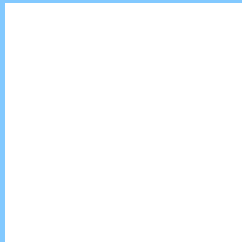
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7391, 0.2356, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 53.7391, 0.2356, 0.2630.



This preview shows how white text looks on a background with the Yxy color 53.7391, 0.2356, 0.2630.

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

53.7391, 0.2356, 0.2630

Protanopia

53.4420, 0.2653, 0.2637

Deuteranopia

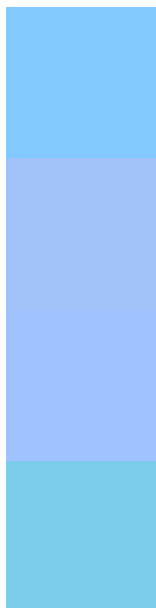
53.3940, 0.2599, 0.2542



Tritanopia

53.9464, 0.2475, 0.3078

Trichromacy



Original Color

53.7391, 0.2356, 0.2630

Protanomaly

53.5094, 0.2535, 0.2635

Deuteranomaly

53.2772, 0.2501, 0.2570

Tritanomaly

53.9459, 0.2431, 0.2905

Monochromacy



Original Color

53.7391, 0.2356, 0.2630

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0717, 0.2794, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7391, 0.2356, 0.2630 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(130, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 201, 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(130, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.7391, 0.2356, 0.2630 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(130, 201, 255) }
```

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

```
.border{ border-color:rgb(130, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7391, 0.2356, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 201, 255) }
```

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

```
.background{ background-color: rgb(130,  
201, 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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