

Converting Colors

$Yxy(53.8717, 0.2386, 0.2660)$

Have a look what the booklet for
Yxy(53.8717, 0.2386, 0.2660)
contains.

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Color

Yxy(53.8699, 0.2389, 0.2665)

Conversions

Conversions Part 1

Format	Color
Hex	86C9FC
RGB	134, 201, 252
RGB Percent	53%, 79%, 99%
CMY	0.4746, 0.2118, 0.0116
CMYK	0.47, 0.20, 0.00, 0.01
HSL	206°, 95%, 76%
HSV	206°, 47%, 99%
XYZ	48.2909, 53.8699, 99.9777
YIQ	186.7810, -56.3030, 1.6570

Conversions

Conversions Part 2

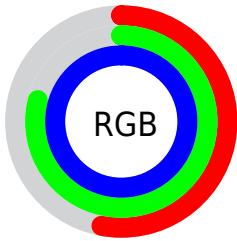
Format	Color
RYB	134, 177, 252
Decimal	8833532
CIELab	78.39, -7.86, -31.66
CIELCh	78, 32.619, 256.056
Yxy	53.8699, 0.2389, 0.2665
Android (android.graphics.Color)	4287023612 (0xFF86C9FC)
YUV	186.7810, 32.1530, -46.2889
Hunter-Lab	73.3961, -10.9994, -29.3855

Details

The Yxy color **53.8699, 0.2389, 0.2665** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.1290, 0.4141, 0.3827**, and the grayscale version is **49.4034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **26.3034, 0.2209, 0.2506** is the 20% darker color. If you saturate the color by 10%, you get **47.1409, 0.2244, 0.2502**, and if you desaturate by 10%, it is **61.4566, 0.2543, 0.2820**.

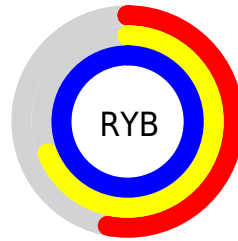
Distribution



Red (53%)

Green (79%)

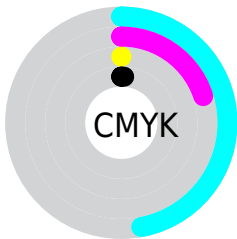
Blue (99%)



Red (53%)

Yellow (69%)

Blue (99%)

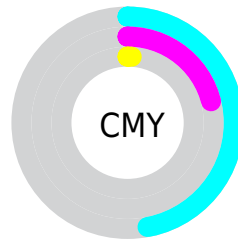


Cyan (47%)

Magenta (20%)

Yellow (0%)

Black (1%)



Cyan (47%)

Magenta (21%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8699, 0.2389, 0.2665 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 53.8699, 0.2389, 0.2665 by changing the saturation by 10% instead.

■ 53.8699, 0.2389,
0.2665

■ 53.8699, 0.2389,
0.2665

401.6137, 0.2737,
0.2967

■ 38.4977, 0.2309,
0.2594

■ 95.8832, 0.2511,
0.2772

■ 26.3692, 0.2210,
0.2505

■ 123.2930, 0.2558,
0.2813

■ 17.1000, 0.2084,
0.2390

■ 155.4842, 0.2598,
0.2848

■ 10.3058, 0.1922,
0.2240

192.8411, 0.2633,
0.2878

■ 5.6022, 0.1705,
0.2035

235.7481, 0.2664,
0.2905

■ 2.6047, 0.1407,
0.1743

284.5896, 0.2692,

■ 0.9290, 0.0977,

0.2928

0.1314

339.7500, 0.2716,
0.2949

0.0000, 0.0000,
0.0000

53.8699, 0.2389,
0.2665

53.8699, 0.2389,
0.2665

47.1409, 0.2244,
0.2502

61.4566, 0.2543,
0.2820

41.2207, 0.2114,
0.2333

69.9344, 0.2702,
0.2964

36.0631, 0.2003,
0.2162

79.3417, 0.2863,
0.3096

31.6128, 0.1913,
0.1994

89.7125, 0.3021,
0.3215

27.8016, 0.1846,
0.1831

99.8106, 0.3144,
0.3318

■ 26.6995, 0.1828,
0.1781

Harmonies

Analogous

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



53.8699, 0.2332, 0.2914



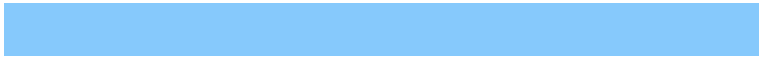
53.8699, 0.2389, 0.2665



53.8699, 0.2628, 0.2589

Triad

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



53.8699, 0.2389, 0.2665



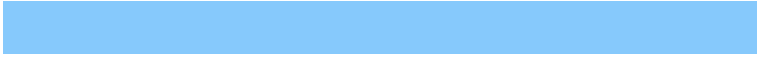
53.8699, 0.3824, 0.3220



53.8699, 0.3194, 0.4016

Complementary

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



53.8699, 0.2389, 0.2665



57.1290, 0.4141, 0.3827

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.



53.8699, 0.3610, 0.4062



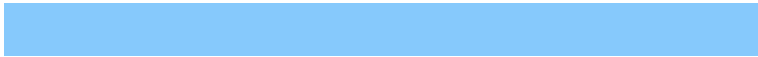
53.8699, 0.2389, 0.2665



53.8699, 0.3993, 0.3571

Square

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



53.8699, 0.2389, 0.2665



53.8699, 0.3455, 0.2903



53.8699, 0.3908, 0.3883



53.8699, 0.2777, 0.3726

Rectangle

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



53.8699, 0.2389, 0.2665



53.8699, 0.2872, 0.2632



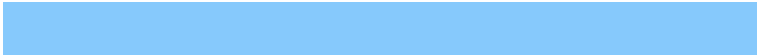
53.8699, 0.3908, 0.3883



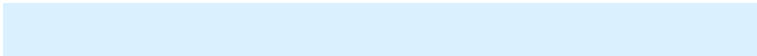
53.8699, 0.3338, 0.4060

Sweetspot

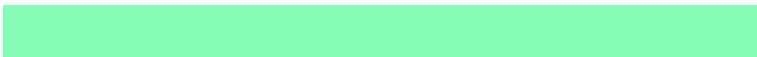
The Sweet Spot groups the original color and five complimentary colors.



53.8719, 0.2389, 0.2665



84.3920, 0.2908, 0.3131



78.1370, 0.2823, 0.4145



17.5863, 0.2874, 0.3104



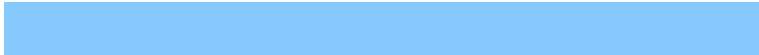
0.0000, 0.0000, 0.0000



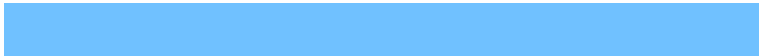
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8719, 0.2389, 0.2665



48.9359, 0.2256, 0.2515



31.9903, 0.2255, 0.1931



18.2786, 0.2980, 0.3185



14.2024, 0.1835, 0.1807



1.5261, 0.1889, 0.2000

Inverse Universe

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



41.9653, 0.3669, 0.2600



36.7547, 0.3827, 0.2480



86.0459, 0.3863, 0.4358



17.3903, 0.3205, 0.3156



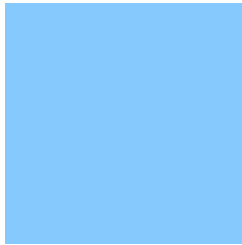
11.8446, 0.4677, 0.2350



1.1183, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 53.8699, 0.2389, 0.2665 looks on a white background.

Color Contrast Check

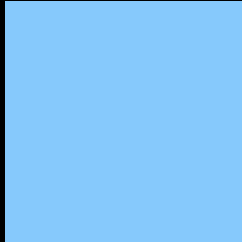
Large Text (above 18pt) WCAG AA × Fail

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 53.8699, 0.2389, 0.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

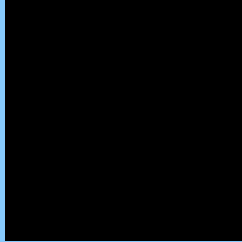
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

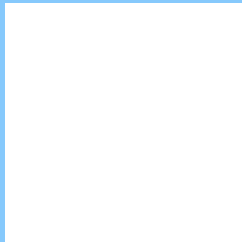
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8699, 0.2389, 0.2665

Background



This preview shows how black text looks on a background with the Yxy color 53.8699, 0.2389, 0.2665.



This preview shows how white text looks on a background with the Yxy color 53.8699, 0.2389, 0.2665.

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

53.8699, 0.2389, 0.2665

Protanopia

53.5575, 0.2678, 0.2660

Deuteranopia

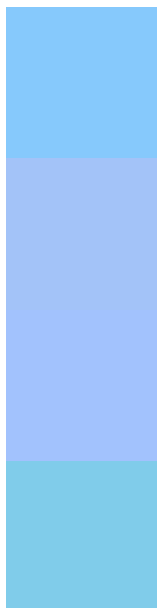
53.4476, 0.2612, 0.2553



Tritanopia

53.8303, 0.2497, 0.3066

Trichromacy



Original Color

53.8699, 0.2389, 0.2665

Protanomaly

53.5941, 0.2558, 0.2659

Deuteranomaly

53.3568, 0.2523, 0.2593

Tritanomaly

53.7154, 0.2453, 0.2905

Monochromacy



Original Color

53.8699, 0.2389, 0.2665

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7273, 0.2809, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8699, 0.2389, 0.2665 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(134, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(134, 201, 252)  
}
```

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(134, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 201, 252) }
```

Border

The CSS property to change the border of an element to Yxy 53.8699, 0.2389, 0.2665 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(134, 201, 252) }
```

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

```
.border{ border-color:rgb(134, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(134, 201,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8699, 0.2389, 0.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 201, 252) }
```

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

```
.background{ background-color: rgb(134,  
201, 252) }
```

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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