

Converting Colors

$Yxy(54.3011, 0.2385, 0.2647)$

Have a look what the booklet for
Yxy(54.3011, 0.2385, 0.2647)
contains.

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Color

Yxy(54.0799, 0.2385, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	87C9FE
RGB	135, 201, 254
RGB Percent	53%, 79%, 100%
CMY	0.4706, 0.2117, 0.0040
CMYK	0.47, 0.21, 0.00, 0.00
HSL	207°, 98%, 76%
HSV	207°, 47%, 100%
XYZ	48.7639, 54.0799, 101.6171
YIQ	187.3080, -56.3490, 2.4910

Conversions

Conversions Part 2

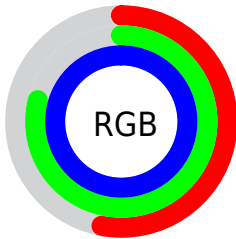
Format	Color
RYB	135, 177, 254
Decimal	8899070
CIELab	78.51, -7.09, -32.50
CIELCh	79, 33.267, 257.695
Yxy	54.0799, 0.2385, 0.2645
Android (android.graphics.Color)	4287089150 (0xFF87C9FE)
YUV	187.3080, 32.8792, -45.8741
Hunter-Lab	73.5390, -10.3295, -30.4502

Details

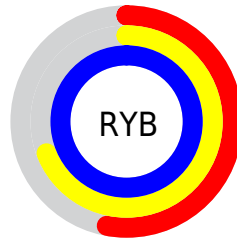
The Yxy color **54.0799, 0.2385, 0.2645** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.7695, 0.4134, 0.3843**, and the grayscale version is **49.7118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **26.4352, 0.2203, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **47.1409, 0.2239, 0.2476**, and if you desaturate by 10%, it is **61.9134, 0.2541, 0.2805**.

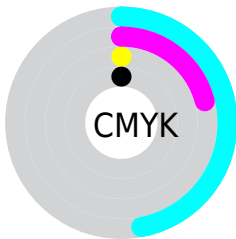
Distribution



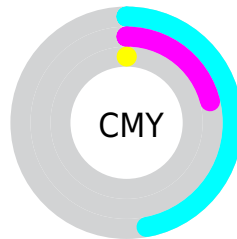
- Red (53%)
- Green (79%)
- Blue (100%)



- Red (53%)
- Yellow (69%)
- Blue (100%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0799, 0.2385, 0.2645 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 54.0799, 0.2385, 0.2645 by changing the saturation by 10% instead.

 54.0799, 0.2385,
0.2645

 54.0799, 0.2385,
0.2645


402.4146, 0.2735,
0.2956


 38.6655, 0.2305,
0.2572


 96.1916, 0.2507,
0.2755

 26.4996, 0.2205,
0.2481


 123.6576, 0.2554,
0.2797

 17.1978, 0.2080,
0.2365


 155.9098, 0.2595,
0.2833

 10.3756, 0.1918,
0.2212

193.3323, 0.2630,
0.2864

 5.6487, 0.1701,
0.2004

236.3097, 0.2661,
0.2891

 2.6327, 0.1404,
0.1710

285.2262, 0.2689,

 0.9431, 0.0982,

0.2916

0.1283

340.4664, 0.2713,
0.2937

0.0000, 0.0000,
0.0000

54.0799, 0.2385,
0.2645

54.0799, 0.2385,
0.2645

47.1409, 0.2239,
0.2476

61.9134, 0.2541,
0.2805

41.0459, 0.2107,
0.2302

70.6762, 0.2701,
0.2953

35.7470, 0.1993,
0.2126

80.4080, 0.2862,
0.3090

31.1870, 0.1902,
0.1952

91.1442, 0.3021,
0.3213

27.2955, 0.1834,
0.1786

99.9345, 0.3133,
0.3300

■ 26.1767, 0.1815,
0.1734

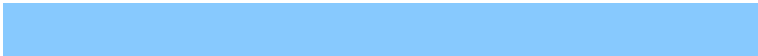
Harmonies

Analogous

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



54.0799, 0.2317, 0.2888



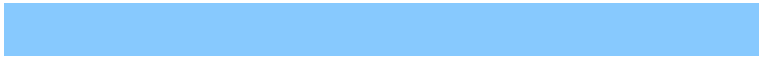
54.0799, 0.2385, 0.2645



54.0799, 0.2637, 0.2578

Triad

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



54.0799, 0.2385, 0.2645



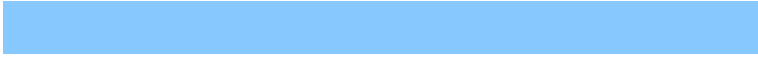
54.0799, 0.3853, 0.3238



54.0799, 0.3170, 0.4020

Complementary

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



54.0799, 0.2385, 0.2645



58.7695, 0.4134, 0.3843

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.



54.0799, 0.3597, 0.4081



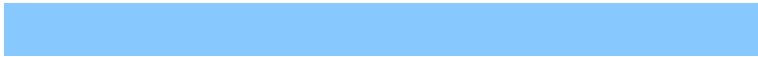
54.0799, 0.2385, 0.2645



54.0799, 0.4011, 0.3594

Square

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



54.0799, 0.2385, 0.2645



54.0799, 0.3485, 0.2912



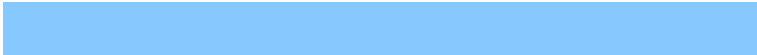
54.0799, 0.3911, 0.3907



54.0799, 0.2750, 0.3713

Rectangle

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



54.0799, 0.2385, 0.2645



54.0799, 0.2890, 0.2627



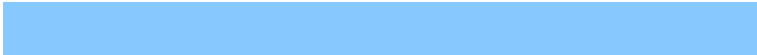
54.0799, 0.3911, 0.3907



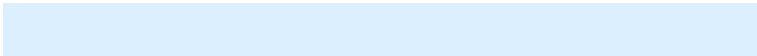
54.0799, 0.3318, 0.4070

Sweetspot

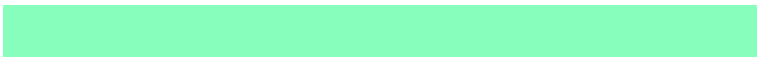
The Sweet Spot groups the original color and five complimentary colors.



54.0819, 0.2385, 0.2645



84.1218, 0.2908, 0.3126



79.5908, 0.2813, 0.4120



17.5204, 0.2873, 0.3099



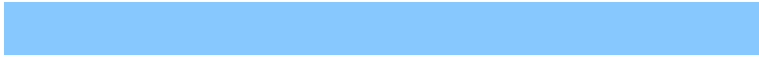
0.0000, 0.0000, 0.0000



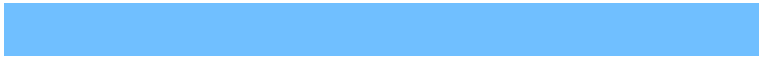
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0819, 0.2385, 0.2645



48.1248, 0.2250, 0.2491



31.9284, 0.2250, 0.1906



19.0491, 0.2979, 0.3182



14.1021, 0.1823, 0.1761



1.5912, 0.1875, 0.1950

Inverse Universe

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



42.6114, 0.3685, 0.2614



36.6728, 0.3849, 0.2498



88.7573, 0.3855, 0.4375



18.1558, 0.3207, 0.3159



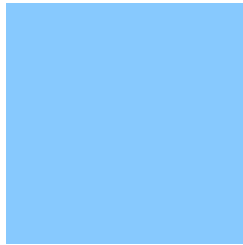
12.1516, 0.4732, 0.2381



1.2052, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 54.0799, 0.2385, 0.2645 looks on a white background.

Color Contrast Check

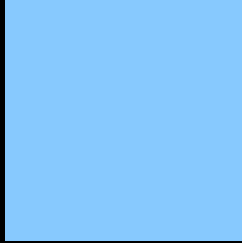
Large Text (above 18pt) WCAG AA × Fail

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 54.0799, 0.2385, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

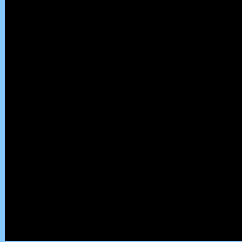
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

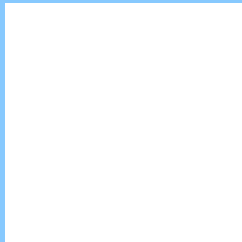
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0799, 0.2385, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 54.0799, 0.2385, 0.2645.



This preview shows how white text looks on a background with the Yxy color 54.0799, 0.2385, 0.2645.

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

54.0799, 0.2385, 0.2645

Protanopia

53.5607, 0.2660, 0.2638

Deuteranopia

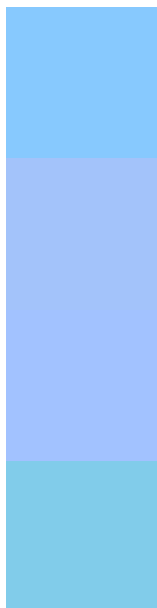
53.5119, 0.2606, 0.2544



Tritanopia

53.9059, 0.2503, 0.3066

Trichromacy



Original Color

54.0799, 0.2385, 0.2645

Protanomaly

53.7189, 0.2547, 0.2638

Deuteranomaly

53.4850, 0.2513, 0.2573

Tritanomaly

53.7934, 0.2458, 0.2906

Monochromacy



Original Color

54.0799, 0.2385, 0.2645

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 54.0799, 0.2385, 0.2645 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(135, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(135, 201, 254)  
}
```

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(135, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 201, 254) }
```

Border

The CSS property to change the border of an element to Yxy 54.0799, 0.2385, 0.2645 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(135, 201, 254) }
```

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

```
.border{ border-color:rgb(135, 201, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(135, 201,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0799, 0.2385, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 201, 254) }
```

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

```
.background{ background-color: rgb(135,  
201, 254) }
```

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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