

Converting Colors

Yxy(54.3474, 0.2434, 0.2644)

Have a look what the booklet for
Yxy(54.3474, 0.2434, 0.2644)
contains.

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Color

Yxy(54.4201, 0.2439, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	91C8FD
RGB	145, 200, 253
RGB Percent	57%, 78%, 99%
CMY	0.4311, 0.2157, 0.0078
CMYK	0.43, 0.21, 0.00, 0.01
HSL	209°, 96%, 78%
HSV	209°, 43%, 99%
XYZ	50.0681, 54.4201, 100.7932
YIQ	189.5970, -49.7930, 4.8230

Conversions

Conversions Part 2

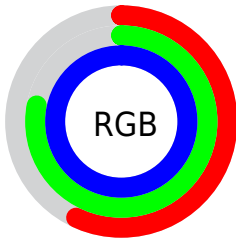
Format	Color
R_{YB}	145, 181, 253
Decimal	9554173
CIE _{Lab}	78.71, -4.41, -31.63
CIE _{LCh}	79, 31.938, 262.072
Yxy	54.4201, 0.2439, 0.2651
Android (android.graphics.Color)	4287744253 (0xFF91C8FD)
YUV	189.5970, 31.2577, -39.1116
Hunter-Lab	73.7700, -7.9484, -29.3699

Details

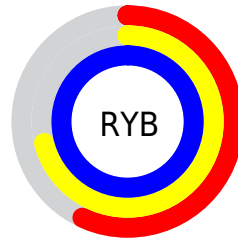
The Yxy color **54.4201, 0.2439, 0.2651** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3485, 0.3996, 0.3845**, and the grayscale version is **51.0951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.6180, 0.2269, 0.2488** is the 20% darker color. If you saturate the color by 10%, you get **46.8499, 0.2282, 0.2467**, and if you desaturate by 10%, it is **62.9739, 0.2602, 0.2824**.

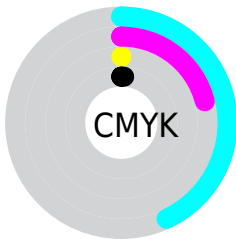
Distribution



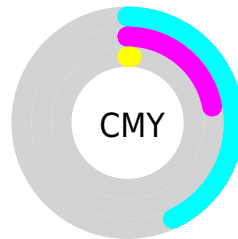
- Red (57%)
- Green (78%)
- Blue (99%)



- Red (57%)
- Yellow (71%)
- Blue (99%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4201, 0.2439, 0.2651 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 54.4201, 0.2439, 0.2651 by changing the saturation by 10% instead.

■ 54.4201, 0.2439,
0.2651

■ 54.4201, 0.2439,
0.2651

403.7100, 0.2765,
0.2957

■ 38.9376, 0.2364,
0.2579

■ 96.6908, 0.2553,
0.2759

■ 26.7112, 0.2271,
0.2490

■ 124.2478, 0.2597,
0.2800

■ 17.3564, 0.2153,
0.2376

156.5984, 0.2635,
0.2836

■ 10.4890, 0.2000,
0.2227

194.1271, 0.2668,
0.2867

■ 5.7243, 0.1795,
0.2024

237.2182, 0.2696,
0.2894

■ 2.6782, 0.1509,
0.1737

286.2561, 0.2722,

■ 0.9661, 0.1101,

0.2917

0.1316

341.6252, 0.2744,
0.2939

0.0000, 0.0000,
0.0000

54.4201, 0.2439,
0.2651

54.4201, 0.2439,
0.2651

46.8499, 0.2282,
0.2467

62.9739, 0.2602,
0.2824

40.2117, 0.2137,
0.2276

72.5470, 0.2767,
0.2983

34.4576, 0.2008,
0.2082

83.1804, 0.2929,
0.3128

29.5310, 0.1901,
0.1889

94.9110, 0.3086,
0.3258

25.3655, 0.1818,
0.1704

99.8719, 0.3139,
0.3309

■ 22.7279, 0.1771,
0.1576

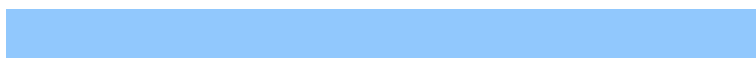
Harmonies

Analogous

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



54.4201, 0.2346, 0.2862



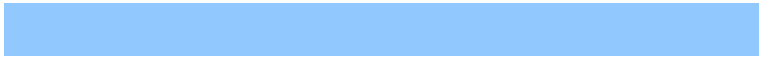
54.4201, 0.2439, 0.2651



54.4201, 0.2706, 0.2610

Triad

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



54.4201, 0.2439, 0.2651



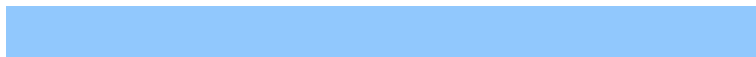
54.4201, 0.3859, 0.3291



54.4201, 0.3108, 0.3958

Complementary

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



54.4201, 0.2439, 0.2651



63.3485, 0.3996, 0.3845

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.



54.4201, 0.3523, 0.4054



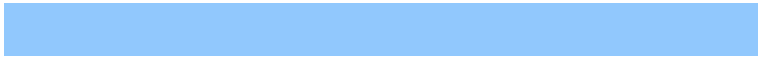
54.4201, 0.2439, 0.2651



54.4201, 0.3975, 0.3633

Square

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



54.4201, 0.2439, 0.2651



54.4201, 0.3530, 0.2969



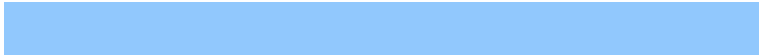
54.4201, 0.3846, 0.3918



54.4201, 0.2714, 0.3637

Rectangle

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



54.4201, 0.2439, 0.2651



54.4201, 0.2960, 0.2672



54.4201, 0.3846, 0.3918



54.4201, 0.3249, 0.4018

Sweetspot

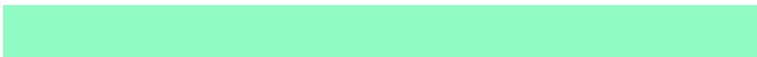
The Sweet Spot groups the original color and five complimentary colors.



54.4222, 0.2439, 0.2651



84.2953, 0.2923, 0.3123



80.3179, 0.2808, 0.3962



17.5125, 0.2888, 0.3092



0.0000, 0.0000, 0.0000



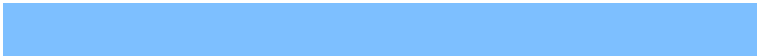
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4222, 0.2439, 0.2651



48.8963, 0.2307, 0.2498



33.9409, 0.2327, 0.1983



18.9061, 0.2979, 0.3170



12.3830, 0.1779, 0.1604



1.4244, 0.1835, 0.1807

Inverse Universe

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



45.3218, 0.3666, 0.2721



39.6821, 0.3824, 0.2617



92.0492, 0.3772, 0.4330



18.1414, 0.3214, 0.3170



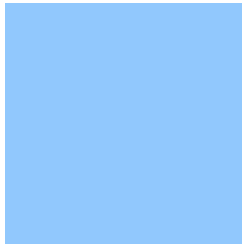
11.9780, 0.4926, 0.2488



1.1883, 0.4677, 0.2350

Previews

White Background



This preview shows how the Yxy color 54.4201, 0.2439, 0.2651 looks on a white background.

Color Contrast Check

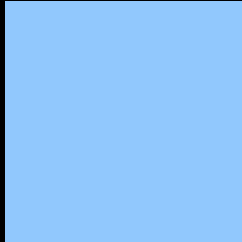
Large Text (above 18pt) WCAG AA × Fail

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 54.4201, 0.2439, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

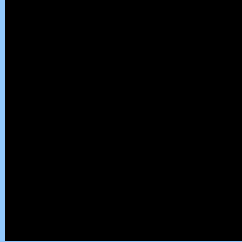
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

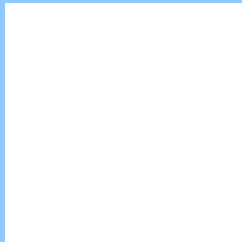
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4201, 0.2439, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 54.4201, 0.2439, 0.2651.



This preview shows how white text looks on a background with the Yxy color 54.4201, 0.2439, 0.2651.

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

54.4201, 0.2439, 0.2651

Protanopia

54.1180, 0.2668, 0.2651

Deuteranopia

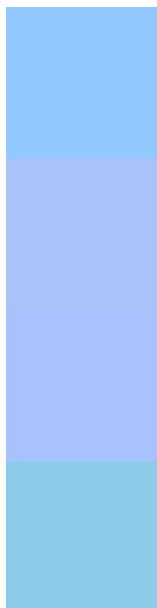
54.1849, 0.2620, 0.2558



Tritanopia

54.7349, 0.2566, 0.3082

Trichromacy



Original Color

54.4201, 0.2439, 0.2651

Protanomaly

54.0853, 0.2577, 0.2652

Deuteranomaly

53.9548, 0.2548, 0.2588

Tritanomaly

54.6444, 0.2521, 0.2923

Monochromacy



Original Color

54.4201, 0.2439, 0.2651

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3863, 0.2841, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4201, 0.2439, 0.2651 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(145, 200, 253)` looks like.

```
.text, #text, p{  
    color:rgb(145, 200, 253)  
}
```

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(145, 200, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 200, 253) }
```

Border

The CSS property to change the border of an element to Yxy 54.4201, 0.2439, 0.2651 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(145, 200, 253) }
```

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

```
.border{ border-color:rgb(145, 200, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 200, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 200, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 200, 253); box-shadow:4px 4px 4px 4px rgb(145, 200, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4201, 0.2439, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 200, 253) }
```

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

```
.background{ background-color: rgb(145,  
200, 253) }
```

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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