

Converting Colors

$Yxy(54.3672, 0.2552, 0.2645)$

Have a look what the booklet for
Yxy(54.3672, 0.2552, 0.2645)
contains.

Yxy(54.3374, 0.2549, 0.2640)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3374, 0.2549, 0.2640)

Conversions

Conversions Part 1

Format	Color
Hex	A4C4FB
RGB	164, 196, 251
RGB Percent	64%, 77%, 98%
CMY	0.3569, 0.2314, 0.0155
CMYK	0.35, 0.22, 0.00, 0.02
HSL	218°, 92%, 81%
HSV	218°, 35%, 98%
XYZ	52.4644, 54.3374, 99.0217
YIQ	192.7020, -36.7270, 10.3210

Conversions

Conversions Part 2

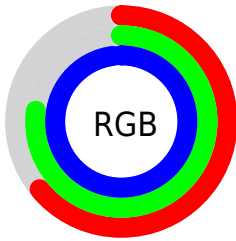
Format	Color
RYB	164, 187, 251
Decimal	10798331
CIELab	78.66, 2.14, -30.57
CIElCh	79, 30.642, 274.012
Yxy	54.3374, 0.2549, 0.2640
Android (android.graphics.Color)	4288988411 (0xFFA4C4FB)
YUV	192.7020, 28.7409, -25.1717
Hunter-Lab	73.7139, -1.9555, -28.0460

Details

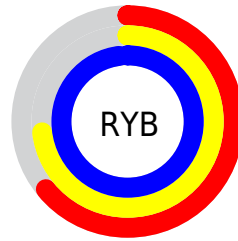
The Yxy color **54.3374, 0.2549, 0.2640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.8713, 0.3755, 0.3862**, and the grayscale version is **52.9892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2130, 0.2922, 0.3259**, and **26.4923, 0.2403, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **45.1419, 0.2371, 0.2411**, and if you desaturate by 10%, it is **64.8216, 0.2725, 0.2852**.

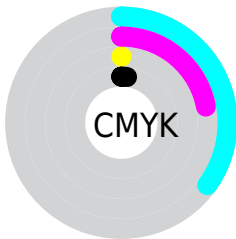
Distribution



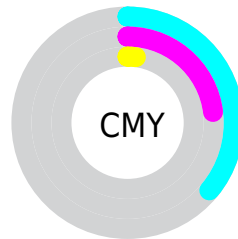
- Red (64%)
- Green (77%)
- Blue (98%)



- Red (64%)
- Yellow (73%)
- Blue (98%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3374, 0.2549, 0.2640 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 54.3374, 0.2549, 0.2640 by changing the saturation by 10% instead.

■ 54.3374, 0.2549,
0.2640

■ 54.3374, 0.2549,
0.2640

403.3953, 0.2825,
0.2948

■ 38.8715, 0.2484,
0.2568

■ 96.5695, 0.2646,
0.2748

■ 26.6598, 0.2404,
0.2480

■ 124.1044, 0.2683,
0.2790

■ 17.3179, 0.2302,
0.2367

156.4311, 0.2716,
0.2826

■ 10.4614, 0.2168,
0.2219

193.9340, 0.2743,
0.2857

■ 5.7059, 0.1985,
0.2020

236.9975, 0.2768,
0.2884

■ 2.6671, 0.1725,
0.1738

286.0059, 0.2789,

■ 0.9605, 0.1338,

0.2908

0.1326

341.3437, 0.2808,
0.2929

0.0000, 0.0000,
0.0000

54.3374, 0.2549,
0.2640

54.3374, 0.2549,
0.2640

45.1419, 0.2371,
0.2411

64.8216, 0.2725,
0.2852

37.1742, 0.2198,
0.2170

76.6393, 0.2895,
0.3044

30.3773, 0.2035,
0.1923

89.8406, 0.3056,
0.3216

24.6865, 0.1892,
0.1678

99.7475, 0.3150,
0.3328

20.0289, 0.1774,
0.1447

■ 16.3197, 0.1686,
0.1238

■ 14.6788, 0.1650,
0.1138

Harmonies

Analogous

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



54.3374, 0.2389, 0.2779



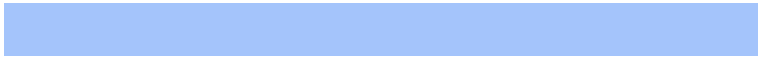
54.3374, 0.2549, 0.2640



54.3374, 0.2863, 0.2663

Triad

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



54.3374, 0.2549, 0.2640



54.3374, 0.3902, 0.3425



54.3374, 0.2950, 0.3828

Complementary

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



54.3374, 0.2549, 0.2640



73.8713, 0.3755, 0.3862

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.



54.3374, 0.3355, 0.4014



54.3374, 0.2549, 0.2640



54.3374, 0.3919, 0.3741

Square

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



54.3374, 0.2549, 0.2640



54.3374, 0.3658, 0.3099



54.3374, 0.3713, 0.3968



54.3374, 0.2608, 0.3466

Rectangle

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



54.3374, 0.2549, 0.2640



54.3374, 0.3130, 0.2759



54.3374, 0.3713, 0.3968



54.3374, 0.3083, 0.3915

Sweetspot

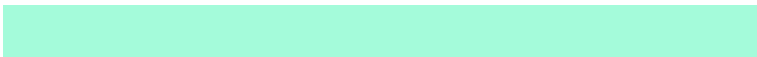
The Sweet Spot groups the original color and five complimentary colors.



54.3395, 0.2549, 0.2640



85.6222, 0.2971, 0.3127



81.9548, 0.2799, 0.3675



17.9194, 0.2948, 0.3102



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.



54.3395, 0.2549, 0.2640



49.1702, 0.2418, 0.2473



42.5282, 0.2567, 0.2266



17.6884, 0.2979, 0.3136



7.9668, 0.1658, 0.1168



0.9325, 0.1724, 0.1404

Inverse Universe

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



51.0480, 0.3647, 0.2953



46.0087, 0.3809, 0.2881



90.3793, 0.3580, 0.4178



17.3308, 0.3236, 0.3203



11.2152, 0.5511, 0.2810



1.0584, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 54.3374, 0.2549, 0.2640 looks on a white background.

Color Contrast Check

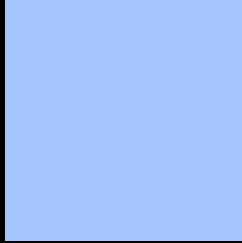
Large Text (above 18pt) WCAG AA × Fail

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 54.3374, 0.2549, 0.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

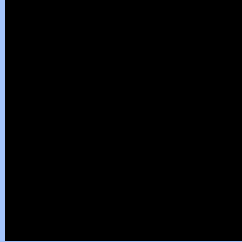
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

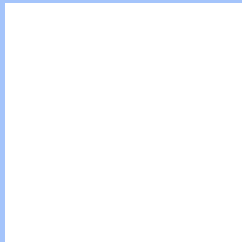
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3374, 0.2549, 0.2640

Background



This preview shows how black text looks on a background with the Yxy color 54.3374, 0.2549, 0.2640.



This preview shows how white text looks on a background with the Yxy color 54.3374, 0.2549, 0.2640.

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

54.3374, 0.2549, 0.2640

Protanopia

54.1799, 0.2662, 0.2641

Deuteranopia

54.2350, 0.2651, 0.2590



Tritanopia

54.3709, 0.2695, 0.3086

Trichromacy



Original Color

54.3374, 0.2549, 0.2640

Protanomaly

53.9782, 0.2618, 0.2635

Deuteranomaly

54.2822, 0.2608, 0.2606

Tritanomaly

54.3927, 0.2641, 0.2918

Monochromacy



Original Color

54.3374, 0.2549, 0.2640

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3837, 0.2892, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3374, 0.2549, 0.2640 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(164, 196, 251)` looks like.

```
.text, #text, p{  
    color:rgb(164, 196, 251)  
}
```

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(164, 196, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 196, 251) }
```

Border

The CSS property to change the border of an element to Yxy 54.3374, 0.2549, 0.2640 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(164, 196, 251) }
```

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

```
.border{ border-color:rgb(164, 196, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 196, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 196, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 196, 251);  
box-shadow:4px 4px 4px 4px rgb(164, 196,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3374, 0.2549, 0.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 196, 251) }
```

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

```
.background{ background-color: rgb(164,  
196, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor