

Converting Colors

$Yxy(54.3172, 0.2549, 0.2598)$

Have a look what the booklet for
Yxy(54.3172, 0.2549, 0.2598)
contains.

Yxy(54.4015, 0.2550, 0.2600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4015, 0.2550, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	A7C3FE
RGB	167, 195, 254
RGB Percent	65%, 76%, 100%
CMY	0.3448, 0.2354, 0.0038
CMYK	0.34, 0.23, 0.00, 0.00
HSL	221°, 98%, 83%
HSV	221°, 34%, 100%
XYZ	53.3553, 54.4015, 101.4797
YIQ	193.3540, -35.6270, 12.4130

Conversions

Conversions Part 2

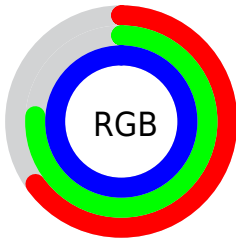
Format	Color
R _Y B	167, 188, 254
Decimal	10994686
CIE Lab	78.70, 4.29, -32.09
CIE LCh	79, 32.378, 277.617
Yxy	54.4015, 0.2550, 0.2600
Android (android.graphics.Color)	4289184766 (0xFFA7C3FE)
YUV	193.3540, 29.8985, -23.1125
Hunter-Lab	73.7574, 0.0496, -29.9445

Details

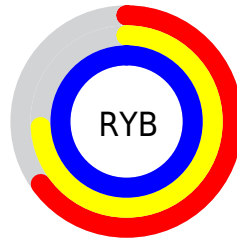
The Yxy color **54.4015, 0.2550, 0.2600** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.3272, 0.3733, 0.3893**, and the grayscale version is **53.3924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0617, 0.2940, 0.3249**, and **26.8220, 0.2406, 0.2441** is the 20% darker color. If you saturate the color by 10%, you get **44.6141, 0.2367, 0.2354**, and if you desaturate by 10%, it is **65.6295, 0.2730, 0.2828**.

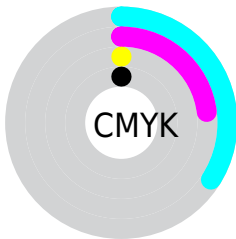
Distribution



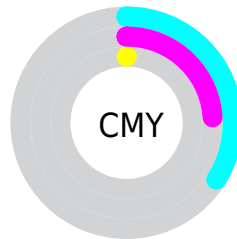
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4015, 0.2550, 0.2600 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 54.4015, 0.2550, 0.2600 by changing the saturation by 10% instead.

■ 54.4015, 0.2550,
0.2600

■ 54.4015, 0.2550,
0.2600

■ 403.6392, 0.2826,
0.2925

■ 38.9227, 0.2486,
0.2525

■ 96.6635, 0.2647,
0.2714

■ 26.6996, 0.2405,
0.2432

■ 124.2155, 0.2684,
0.2758

■ 17.3478, 0.2303,
0.2315

■ 156.5608, 0.2716,
0.2795

■ 10.4828, 0.2169,
0.2162

■ 194.0837, 0.2744,
0.2828

■ 5.7202, 0.1987,
0.1957

■ 237.1686, 0.2768,
0.2857

■ 2.6757, 0.1729,
0.1671

■ 286.1998, 0.2790,

■ 0.9649, 0.1347,

0.2883

0.1259

341.5619, 0.2809,
0.2905

0.0000, 0.0000,
0.0000

54.4015, 0.2550,
0.2600

54.4015, 0.2550,
0.2600

44.6141, 0.2367,
0.2354

65.6295, 0.2730,
0.2828

36.1987, 0.2187,
0.2095

78.3500, 0.2901,
0.3034

29.0903, 0.2018,
0.1831

92.6198, 0.3063,
0.3218

23.2152, 0.1867,
0.1573

99.9378, 0.3133,
0.3299

18.4910, 0.1745,
0.1332

■ 14.8220, 0.1654,
0.1121

■ 13.1227, 0.1616,
0.1015

Harmonies

Analogous

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



54.4015, 0.2361, 0.2724



54.4015, 0.2550, 0.2600



54.4015, 0.2896, 0.2644

Triad

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



54.4015, 0.2550, 0.2600



54.4015, 0.3962, 0.3472



54.4015, 0.2890, 0.3822

Complementary

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



54.4015, 0.2550, 0.2600



78.3272, 0.3733, 0.3893

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.



54.4015, 0.3314, 0.4047



54.4015, 0.2550, 0.2600



54.4015, 0.3948, 0.3799

Square

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



54.4015, 0.2550, 0.2600



54.4015, 0.3730, 0.3127



54.4015, 0.3705, 0.4023



54.4015, 0.2546, 0.3424

Rectangle

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



54.4015, 0.2550, 0.2600



54.4015, 0.3182, 0.2756



54.4015, 0.3705, 0.4023



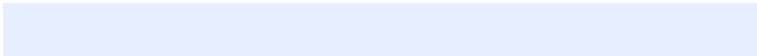
54.4015, 0.3028, 0.3922

Sweetspot

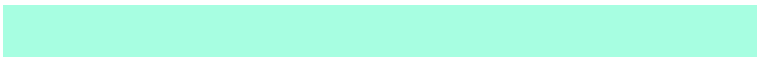
The Sweet Spot groups the original color and five complimentary colors.



54.4036, 0.2550, 0.2600



84.9261, 0.2971, 0.3115



84.5655, 0.2781, 0.3618



17.7517, 0.2948, 0.3088



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.



54.4036, 0.2550, 0.2600



48.0309, 0.2426, 0.2435



44.7135, 0.2606, 0.2289



18.3295, 0.2979, 0.3124



7.1514, 0.1623, 0.1044



0.8841, 0.1685, 0.1266

Inverse Universe

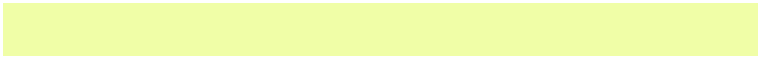
The Inverse Universe completely reimagines the original color for something new.



52.6797, 0.3676, 0.2999



46.6776, 0.3836, 0.2941



92.1407, 0.3545, 0.4177



18.0832, 0.3244, 0.3214



11.4499, 0.5693, 0.2910



1.1338, 0.5373, 0.2734

Previews

White Background



This preview shows how the Yxy color 54.4015, 0.2550, 0.2600 looks on a white background.

Color Contrast Check

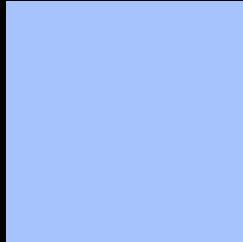
Large Text (above 18pt) WCAG AA × Fail

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 54.4015, 0.2550, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

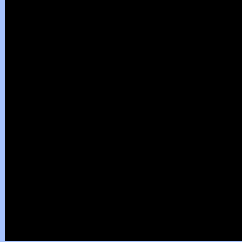
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

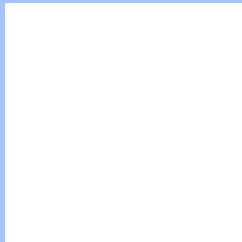
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4015, 0.2550, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 54.4015, 0.2550, 0.2600.



This preview shows how white text looks on a background with the Yxy color 54.4015, 0.2550, 0.2600.

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

54.4015, 0.2550, 0.2600

Protanopia

54.3113, 0.2632, 0.2599

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.6739, 0.2715, 0.3087

Trichromacy



Original Color

54.4015, 0.2550, 0.2600

Protanomaly

54.3457, 0.2602, 0.2596

Deuteranomaly

54.0332, 0.2589, 0.2564

Tritanomaly

54.2978, 0.2653, 0.2896

Monochromacy



Original Color

54.4015, 0.2550, 0.2600

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6802, 0.2901, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4015, 0.2550, 0.2600 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(167, 195, 254)` looks like.

```
.text, #text, p{  
    color:rgb(167, 195, 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(167, 195, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 195, 254) }
```

Border

The CSS property to change the border of an element to Yxy 54.4015, 0.2550, 0.2600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

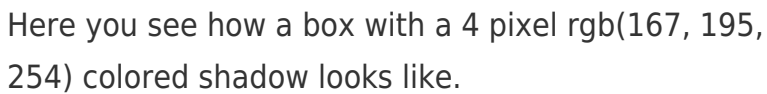
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 195, 254) }
```

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

```
.border{ border-color:rgb(167, 195, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 195, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 195, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 195, 254); box-shadow:4px 4px 4px 4px rgb(167, 195, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4015, 0.2550, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 195, 254) }
```

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

```
.background{ background-color: rgb(167,  
195, 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](#).

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