

Converting Colors

$Yxy(54.7663, 0.2511, 0.2663)$

Have a look what the booklet for
Yxy(54.7663, 0.2511, 0.2663)
contains.

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Color

Yxy(54.9800, 0.2513, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	9DC7FB
RGB	157, 199, 251
RGB Percent	62%, 78%, 98%
CMY	0.3846, 0.2195, 0.0158
CMYK	0.37, 0.21, 0.00, 0.02
HSL	213°, 92%, 80%
HSV	213°, 37%, 98%
XYZ	51.7277, 54.9800, 99.1328
YIQ	192.3700, -41.7240, 7.2680

Conversions

Conversions Part 2

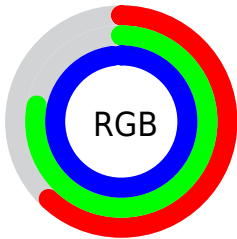
Format	Color
R _Y B	157, 186, 251
Decimal	10340347
CIE Lab	79.03, -1.39, -30.00
CIE LCh	79, 30.030, 267.352
Yxy	54.9800, 0.2513, 0.2671
Android (android.graphics.Color)	4288530427 (0xFF9DC7FB)
YUV	192.3700, 28.9046, -31.0195
Hunter-Lab	74.1485, -5.2341, -27.3638

Details

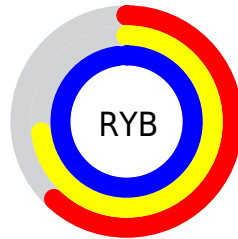
The Yxy color **54.9800, 0.2513, 0.2671** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.4846, 0.3843, 0.3835**, and the grayscale version is **52.7797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **26.9706, 0.2364, 0.2515** is the 20% darker color. If you saturate the color by 10%, you get **46.6193, 0.2345, 0.2469**, and if you desaturate by 10%, it is **64.4447, 0.2683, 0.2859**.

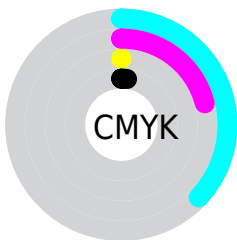
Distribution



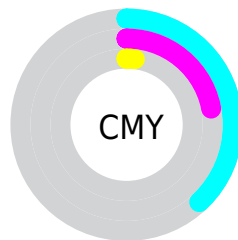
- Red (62%)
- Green (78%)
- Blue (98%)



- Red (62%)
- Yellow (73%)
- Blue (98%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9800, 0.2513, 0.2671 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 54.9800, 0.2513, 0.2671 by changing the saturation by 10% instead.

■ 54.9800, 0.2513,
0.2671

■ 54.9800, 0.2513,
0.2671

405.8361, 0.2805,
0.2966

■ 39.3857, 0.2445,
0.2602

■ 97.5117, 0.2615,
0.2775

■ 27.0599, 0.2361,
0.2516

■ 125.2178, 0.2655,
0.2815

■ 17.6182, 0.2254,
0.2407

157.7300, 0.2689,
0.2849

■ 10.6762, 0.2115,
0.2264

195.4327, 0.2718,
0.2879

■ 5.8496, 0.1925,
0.2070

238.7103, 0.2744,
0.2905

■ 2.7538, 0.1658,
0.1794

287.9471, 0.2766,

■ 1.0046, 0.1267,

0.2928

0.1385

343.5276, 0.2787,
0.2948

0.0000, 0.0000,
0.0000

54.9800, 0.2513,
0.2671

54.9800, 0.2513,
0.2671

46.6193, 0.2345,
0.2469

64.4447, 0.2683,
0.2859

39.3089, 0.2185,
0.2257

75.0513, 0.2850,
0.3031

32.9992, 0.2038,
0.2039

86.8432, 0.3012,
0.3185

27.6332, 0.1911,
0.1822

99.4155, 0.3151,
0.3323

23.1455, 0.1808,
0.1614

99.7436, 0.3150,
0.3328

■ 19.4555, 0.1732,
0.1421

■ 18.6224, 0.1715,
0.1375

Harmonies

Analogous

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



54.9800, 0.2394, 0.2843



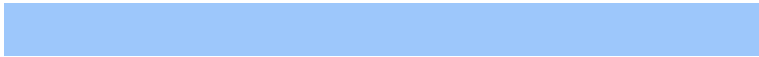
54.9800, 0.2513, 0.2671



54.9800, 0.2791, 0.2658

Triad

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



54.9800, 0.2513, 0.2671



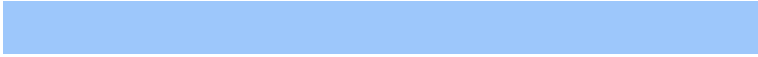
54.9800, 0.3848, 0.3350



54.9800, 0.3041, 0.3873

Complementary

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



54.9800, 0.2513, 0.2671



68.4846, 0.3843, 0.3835

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.



54.9800, 0.3435, 0.4006



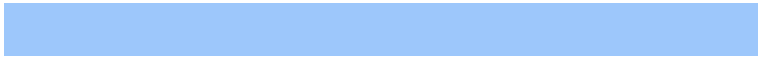
54.9800, 0.2513, 0.2671



54.9800, 0.3917, 0.3668

Square

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



54.9800, 0.2513, 0.2671



54.9800, 0.3569, 0.3038



54.9800, 0.3760, 0.3916



54.9800, 0.2685, 0.3549

Rectangle

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



54.9800, 0.2513, 0.2671



54.9800, 0.3040, 0.2733



54.9800, 0.3760, 0.3916



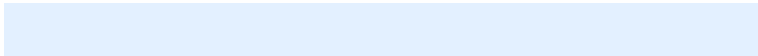
54.9800, 0.3173, 0.3943

Sweetspot

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



54.9821, 0.2513, 0.2671



85.5708, 0.2955, 0.3133



80.7283, 0.2808, 0.3788



17.9578, 0.2933, 0.3112



0.0000, 0.0000, 0.0000



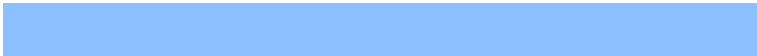
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9821, 0.2513, 0.2671



50.3426, 0.2386, 0.2519



38.6993, 0.2469, 0.2158



17.9220, 0.2979, 0.3155



10.0716, 0.1724, 0.1405



1.1409, 0.1787, 0.1633

Inverse Universe

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



48.7217, 0.3633, 0.2849



43.8775, 0.3783, 0.2761



91.0548, 0.3659, 0.4235



17.3543, 0.3223, 0.3184



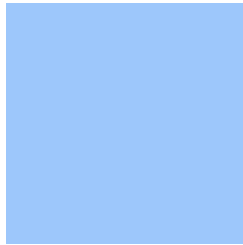
11.4276, 0.5185, 0.2630



1.0794, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 54.9800, 0.2513, 0.2671 looks on a white background.

Color Contrast Check

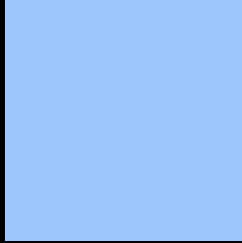
Large Text (above 18pt) WCAG AA × Fail

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 54.9800, 0.2513, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

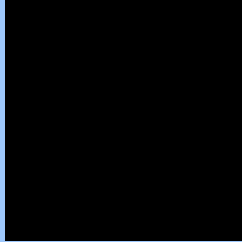
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

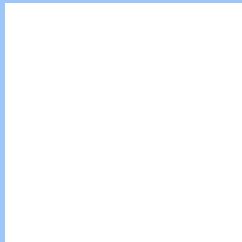
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9800, 0.2513, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 54.9800, 0.2513, 0.2671.



This preview shows how white text looks on a background with the Yxy color 54.9800, 0.2513, 0.2671.

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

54.9800, 0.2513, 0.2671

Protanopia

54.8004, 0.2682, 0.2665

Deuteranopia

54.8584, 0.2653, 0.2593



Tritanopia

54.7958, 0.2638, 0.3073

Trichromacy



Original Color

54.9800, 0.2513, 0.2671

Protanomaly

54.6918, 0.2620, 0.2669

Deuteranomaly

55.0572, 0.2604, 0.2629

Tritanomaly

54.7427, 0.2591, 0.2916

Monochromacy



Original Color

54.9800, 0.2513, 0.2671

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4180, 0.2878, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9800, 0.2513, 0.2671 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(157, 199, 251)` looks like.

```
.text, #text, p{  
    color:rgb(157, 199, 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(157, 199, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 199, 251) }
```

Border

The CSS property to change the border of an element to Yxy 54.9800, 0.2513, 0.2671 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(157, 199, 251) }
```

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

```
.border{ border-color:rgb(157, 199, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 199, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 199, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 199, 251);  
box-shadow:4px 4px 4px 4px rgb(157, 199,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9800, 0.2513, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 199, 251) }
```

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

```
.background{ background-color: rgb(157,  
199, 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](#).

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