

Converting Colors

Yxy(54.3066, 0.2439, 0.2484)

Have a look what the booklet for
Yxy(54.3066, 0.2439, 0.2484)
contains.

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Color

Yxy(53.5193, 0.2491, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	9EC3FF
RGB	158, 195, 255
RGB Percent	62%, 76%, 100%
CMY	0.3803, 0.2353, 0.0000
CMYK	0.38, 0.24, 0.00, 0.00
HSL	217°, 100%, 81%
HSV	217°, 38%, 100%
XYZ	51.6731, 53.5193, 102.2468
YIQ	190.7770, -41.3120, 10.8160

Conversions

Conversions Part 2

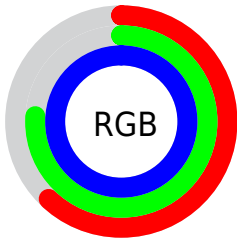
Format	Color
R _Y B	158, 185, 255
Decimal	10404863
CIE Lab	78.18, 2.13, -33.47
CIE LCh	78, 33.539, 273.640
Yxy	53.5193, 0.2491, 0.2580
Android (android.graphics.Color)	4288594943 (0xFF9EC3FF)
YUV	190.7770, 31.6619, -28.7454
Hunter-Lab	73.1569, -1.9442, -31.6561

Details

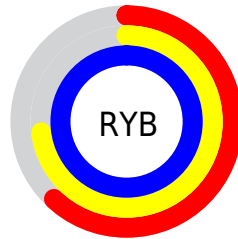
The Yxy color **53.5193, 0.2491, 0.2580** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.8865, 0.3832, 0.3906**, and the grayscale version is **51.7969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6614, 0.2887, 0.3248**, and **26.3068, 0.2337, 0.2415** is the 20% darker color. If you saturate the color by 10%, you get **44.4944, 0.2316, 0.2352**, and if you desaturate by 10%, it is **63.8268, 0.2667, 0.2794**.

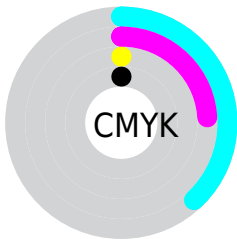
Distribution



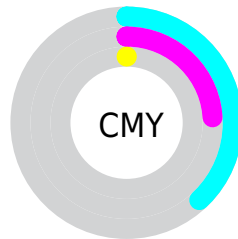
- Red (62%)
- Green (76%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5193, 0.2491, 0.2580 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 53.5193, 0.2491, 0.2580 by changing the saturation by 10% instead.

■ 53.5193, 0.2491,
0.2580

■ 53.5193, 0.2491,
0.2580

■ 400.2743, 0.2794,
0.2916

■ 38.2175, 0.2420,
0.2502

■ 95.3681, 0.2598,
0.2698

■ 26.1515, 0.2333,
0.2406

■ 122.6838, 0.2639,
0.2743

■ 16.9370, 0.2221,
0.2284

■ 154.7730, 0.2674,
0.2782

■ 10.1896, 0.2076,
0.2125

■ 192.0200, 0.2704,
0.2816

■ 5.5249, 0.1879,
0.1912

■ 234.8093, 0.2731,
0.2846

■ 2.5584, 0.1603,
0.1616

■ 283.5251, 0.2755,

■ 0.9058, 0.1204,

0.2872

0.1192

338.5520, 0.2776,
0.2896

0.0000, 0.0000,
0.0000

53.5193, 0.2491,
0.2580

53.5193, 0.2491,
0.2580

44.4944, 0.2316,
0.2352

63.8268, 0.2667,
0.2794

36.6971, 0.2147,
0.2113

75.4711, 0.2839,
0.2988

30.0655, 0.1991,
0.1870

88.5010, 0.3003,
0.3163

24.5316, 0.1857,
0.1632

100.0000, 0.3127,
0.3290

20.0184, 0.1750,
0.1409

■ 16.4291, 0.1673,
0.1211

■ 15.8096, 0.1660,
0.1174

Harmonies

Analogous

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



53.5193, 0.2320, 0.2731



53.5193, 0.2491, 0.2580



53.5193, 0.2831, 0.2604

Triad

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



53.5193, 0.2491, 0.2580



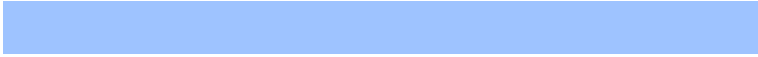
53.5193, 0.3979, 0.3429



53.5193, 0.2936, 0.3890

Complementary

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



53.5193, 0.2491, 0.2580



73.8865, 0.3832, 0.3906

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.



53.5193, 0.3379, 0.4092



53.5193, 0.2491, 0.2580



53.5193, 0.3999, 0.3776

Square

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



53.5193, 0.2491, 0.2580



53.5193, 0.3707, 0.3075



53.5193, 0.3772, 0.4032



53.5193, 0.2561, 0.3489

Rectangle

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



53.5193, 0.2491, 0.2580



53.5193, 0.3122, 0.2708



53.5193, 0.3772, 0.4032



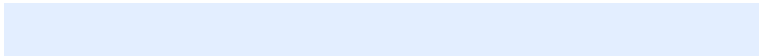
53.5193, 0.3081, 0.3986

Sweetspot

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



53.5188, 0.2491, 0.2580



84.4847, 0.2955, 0.3113



83.8441, 0.2772, 0.3719



17.6996, 0.2933, 0.3090



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.



53.5188, 0.2491, 0.2580



46.2259, 0.2351, 0.2399



40.1533, 0.2501, 0.2150



18.5128, 0.2979, 0.3139



8.5263, 0.1668, 0.1204



1.0332, 0.1730, 0.1429

Inverse Universe

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



49.6609, 0.3706, 0.2907



42.7458, 0.3888, 0.2828



93.1663, 0.3622, 0.4265



18.1017, 0.3234, 0.3200



11.5887, 0.5460, 0.2782



1.1488, 0.5153, 0.2612

Previews

White Background



This preview shows how the Yxy color 53.5193, 0.2491, 0.2580 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 53.5193, 0.2491, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

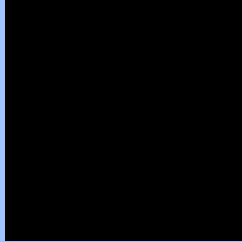
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

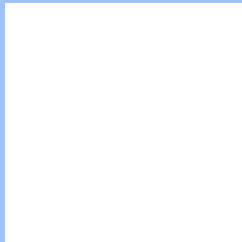
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5193, 0.2491, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 53.5193, 0.2491, 0.2580.



This preview shows how white text looks on a background with the Yxy color 53.5193, 0.2491, 0.2580.

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

53.5193, 0.2491, 0.2580

Protanopia

53.5200, 0.2611, 0.2583

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

53.6926, 0.2652, 0.3084

Trichromacy



Original Color

53.5193, 0.2491, 0.2580

Protanomaly

53.2261, 0.2563, 0.2577

Deuteranomaly

53.4653, 0.2558, 0.2558

Tritanomaly

53.2918, 0.2591, 0.2889

Monochromacy



Original Color

53.5193, 0.2491, 0.2580

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1380, 0.2869, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5193, 0.2491, 0.2580 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(158, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 195, 255)  
}
```

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(158, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5193, 0.2491, 0.2580 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(158, 195, 255) }
```

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

```
.border{ border-color:rgb(158, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5193, 0.2491, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 255) }
```

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

```
.background{ background-color: rgb(158,  
195, 255) }
```

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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