

Converting Colors

$Yxy(53.3881, 0.2540, 0.2561)$

Have a look what the booklet for
Yxy(53.3881, 0.2540, 0.2561)
contains.

Yxy(53.5754, 0.2541, 0.2566)	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(53.5754, 0.2541, 0.2566)

Conversions

Conversions Part 1

Format	Color
Hex	A7C1FF
RGB	167, 193, 255
RGB Percent	65%, 76%, 100%
CMY	0.3452, 0.2431, 0.0000
CMYK	0.35, 0.24, 0.00, 0.00
HSL	222°, 100%, 83%
HSV	222°, 35%, 100%
XYZ	53.0534, 53.5754, 102.1607
YIQ	192.2940, -35.3980, 13.7700

Conversions

Conversions Part 2

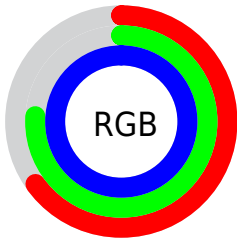
Format	Color
RYB	167, 187, 255
Decimal	10994175
CIELab	78.21, 5.59, -33.36
CIELCh	78, 33.824, 279.511
Yxy	53.5754, 0.2541, 0.2566
Android (android.graphics.Color)	4289184255 (0xFFA7C1FF)
YUV	192.2940, 30.9141, -22.1828
Hunter-Lab	73.1952, 1.2889, -31.5162

Details

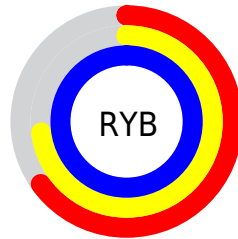
The Yxy color **53.5754, 0.2541, 0.2566** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.0707, 0.3731, 0.3920**, and the grayscale version is **52.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8187, 0.2939, 0.3229**, and **26.2781, 0.2394, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **43.6040, 0.2355, 0.2310**, and if you desaturate by 10%, it is **65.0613, 0.2723, 0.2803**.

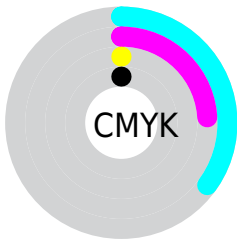
Distribution



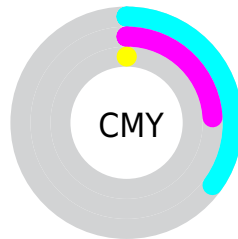
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5754, 0.2541, 0.2566 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 53.5754, 0.2541, 0.2566 by changing the saturation by 10% instead.

■ 53.5754, 0.2541,
0.2566

■ 53.5754, 0.2541,
0.2566

■ 400.4888, 0.2822,
0.2907

■ 38.2623, 0.2475,
0.2488

■ 95.4505, 0.2640,
0.2685

■ 26.1863, 0.2393,
0.2391

■ 122.7814, 0.2678,
0.2731

■ 16.9631, 0.2289,
0.2268

■ 154.8869, 0.2711,
0.2771

■ 10.2082, 0.2152,
0.2109

■ 192.1515, 0.2739,
0.2805

■ 5.5372, 0.1966,
0.1897

■ 234.9596, 0.2763,
0.2835

■ 2.5658, 0.1703,
0.1602

■ 283.6956, 0.2785,

■ 0.9095, 0.1315,

0.2862

0.1183

338.7439, 0.2805,
0.2886

0.0000, 0.0000,
0.0000

53.5754, 0.2541,
0.2566

53.5754, 0.2541,
0.2566

43.6040, 0.2355,
0.2310

65.0613, 0.2723,
0.2803

35.0762, 0.2172,
0.2042

78.1198, 0.2896,
0.3018

27.9212, 0.2000,
0.1769

92.8111, 0.3058,
0.3211

22.0599, 0.1848,
0.1505

100.0000, 0.3127,
0.3290

17.4039, 0.1724,
0.1262

■ 13.8505, 0.1635,
0.1053

■ 12.3081, 0.1599,
0.0956

Harmonies

Analogous

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



53.5754, 0.2333, 0.2682



53.5754, 0.2541, 0.2566



53.5754, 0.2911, 0.2623

Triad

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



53.5754, 0.2541, 0.2566



53.5754, 0.4011, 0.3501



53.5754, 0.2851, 0.3828

Complementary

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



53.5754, 0.2541, 0.2566



80.0707, 0.3731, 0.3920

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.



53.5754, 0.3293, 0.4080



53.5754, 0.2541, 0.2566



53.5754, 0.3979, 0.3840

Square

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



53.5754, 0.2541, 0.2566



53.5754, 0.3782, 0.3140



53.5754, 0.3709, 0.4068



53.5754, 0.2500, 0.3401

Rectangle

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



53.5754, 0.2541, 0.2566



53.5754, 0.3213, 0.2746



53.5754, 0.3709, 0.4068



53.5754, 0.2994, 0.3938

Sweetspot

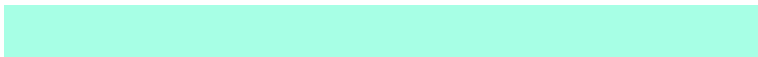
The Sweet Spot groups the original color and five complimentary colors.



53.5768, 0.2541, 0.2566



84.5526, 0.2971, 0.3108



85.3675, 0.2764, 0.3587



17.6618, 0.2948, 0.3081



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.



53.5768, 0.2541, 0.2566



46.9447, 0.2421, 0.2402



45.1116, 0.2622, 0.2284



18.2531, 0.2979, 0.3118



6.6554, 0.1607, 0.0983



0.8281, 0.1667, 0.1202

Inverse Universe

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



52.7399, 0.3703, 0.3020



46.5679, 0.3863, 0.2968



92.3819, 0.3529, 0.4191



18.0755, 0.3248, 0.3220



11.3998, 0.5784, 0.2960



1.1281, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 53.5754, 0.2541, 0.2566 looks on a white background.

Color Contrast Check

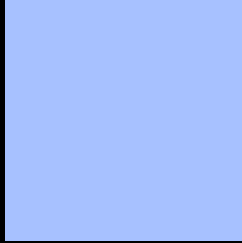
Large Text (above 18pt) WCAG AA × Fail

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 53.5754, 0.2541, 0.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

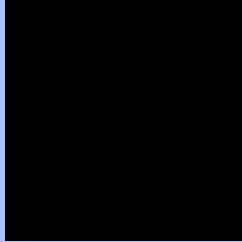
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

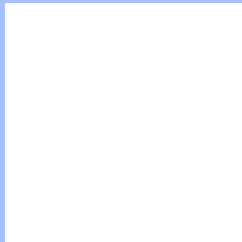
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5754, 0.2541, 0.2566

Background



This preview shows how black text looks on a background with the Yxy color 53.5754, 0.2541, 0.2566.



This preview shows how white text looks on a background with the Yxy color 53.5754, 0.2541, 0.2566.

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

53.5754, 0.2541, 0.2566

Protanopia

53.5836, 0.2606, 0.2573

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.5355, 0.2718, 0.3086

Trichromacy



Original Color

53.5754, 0.2541, 0.2566

Protanomaly

53.7393, 0.2582, 0.2571

Deuteranomaly

53.4803, 0.2582, 0.2550

Tritanomaly

53.2227, 0.2650, 0.2881

Monochromacy



Original Color

53.5754, 0.2541, 0.2566

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6729, 0.2892, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5754, 0.2541, 0.2566 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 193, 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(167, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5754, 0.2541, 0.2566 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, 193, 255) }
```

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

```
.border{ border-color:rgb(167, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5754, 0.2541, 0.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 193, 255) }
```

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

```
.background{ background-color: rgb(167,  
193, 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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