

Converting Colors

$Y_{xy}(53.6979, 0.2549, 0.2567)$

Have a look what the booklet for
Yxy(53.6979, 0.2549, 0.2567)
contains.

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Color

Yxy(53.6848, 0.2547, 0.2567)

Conversions

Conversions Part 1

Format	Color
Hex	A8C1FF
RGB	168, 193, 255
RGB Percent	66%, 76%, 100%
CMY	0.3413, 0.2431, 0.0000
CMYK	0.34, 0.24, 0.00, 0.00
HSL	223°, 100%, 83%
HSV	223°, 34%, 100%
XYZ	53.2665, 53.6848, 102.1831
YIQ	192.5930, -34.8020, 13.9820

Conversions

Conversions Part 2

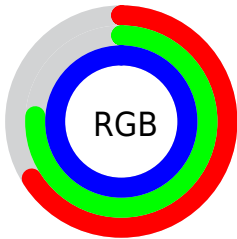
Format	Color
R _Y B	168, 187, 255
Decimal	11059711
CIE Lab	78.28, 5.86, -33.26
CIE LCh	78, 33.776, 279.997
Yxy	53.6848, 0.2547, 0.2567
Android (android.graphics.Color)	4289249791 (0xFFA8C1FF)
YUV	192.5930, 30.7667, -21.5681
Hunter-Lab	73.2699, 1.5455, -31.3976

Details

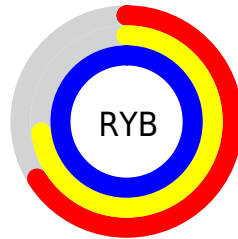
The Yxy color **53.6848, 0.2547, 0.2567** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.6597, 0.3721, 0.3919**, and the grayscale version is **52.9060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9789, 0.2945, 0.3229**, and **26.3441, 0.2402, 0.2398** is the 20% darker color. If you saturate the color by 10%, you get **43.6118, 0.2361, 0.2309**, and if you desaturate by 10%, it is **65.2937, 0.2729, 0.2806**.

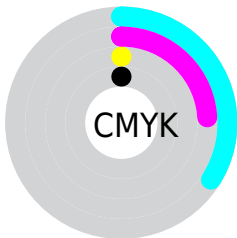
Distribution



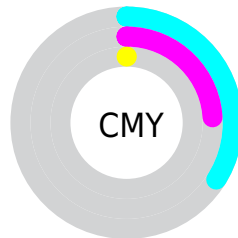
- Red (66%)
- Green (76%)
- Blue (100%)



- Red (66%)
- Yellow (73%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6848, 0.2547, 0.2567 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 53.6848, 0.2547, 0.2567 by changing the saturation by 10% instead.

■ 53.6848, 0.2547,
0.2567

■ 53.6848, 0.2547,
0.2567

■ 400.9069, 0.2825,
0.2907

■ 38.3497, 0.2482,
0.2489

■ 95.6113, 0.2645,
0.2686

■ 26.2542, 0.2401,
0.2392

■ 122.9715, 0.2683,
0.2732

■ 17.0139, 0.2298,
0.2270

■ 155.1088, 0.2715,
0.2771

■ 10.2444, 0.2162,
0.2112

■ 192.4078, 0.2743,
0.2806

■ 5.5613, 0.1978,
0.1900

■ 235.2526, 0.2767,
0.2836

■ 2.5802, 0.1716,
0.1607

■ 284.0279, 0.2789,

■ 0.9167, 0.1330,

0.2862

0.1189

339.1178, 0.2808,
0.2886

0.0000, 0.0000,
0.0000

53.6848, 0.2547,
0.2567

53.6848, 0.2547,
0.2567

43.6118, 0.2361,
0.2309

65.2937, 0.2729,
0.2806

35.0056, 0.2176,
0.2038

78.5007, 0.2903,
0.3023

27.7934, 0.2002,
0.1763

93.3658, 0.3064,
0.3217

21.8949, 0.1848,
0.1496

100.0000, 0.3127,
0.3290

17.2202, 0.1723,
0.1251

■ 13.6655, 0.1633,
0.1042

■ 12.0323, 0.1594,
0.0938

Harmonies

Analogous

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



53.6848, 0.2336, 0.2680



53.6848, 0.2547, 0.2567



53.6848, 0.2918, 0.2627

Triad

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



53.6848, 0.2547, 0.2567



53.6848, 0.4011, 0.3506



53.6848, 0.2845, 0.3820

Complementary

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



53.6848, 0.2547, 0.2567



80.6597, 0.3721, 0.3919

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.



53.6848, 0.3286, 0.4076



53.6848, 0.2547, 0.2567



53.6848, 0.3974, 0.3844

Square

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



53.6848, 0.2547, 0.2567



53.6848, 0.3786, 0.3146



53.6848, 0.3702, 0.4069



53.6848, 0.2497, 0.3394

Rectangle

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



53.6848, 0.2547, 0.2567



53.6848, 0.3221, 0.2751



53.6848, 0.3702, 0.4069



53.6848, 0.2987, 0.3932

Sweetspot

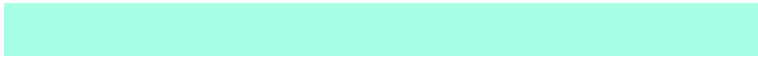
The Sweet Spot groups the original color and five complimentary colors.



53.6852, 0.2547, 0.2567



84.4337, 0.2971, 0.3106



85.4928, 0.2767, 0.3583



17.6332, 0.2948, 0.3078



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.



53.6852, 0.2547, 0.2567



46.6024, 0.2419, 0.2392



45.5762, 0.2629, 0.2297



18.2288, 0.2979, 0.3116



6.5067, 0.1602, 0.0965



0.8110, 0.1662, 0.1182

Inverse Universe

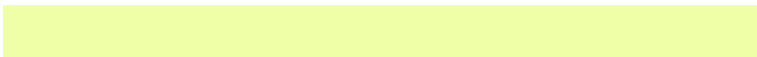
The Inverse Universe completely reimagines the original color for something new.



53.1055, 0.3701, 0.3030



46.5334, 0.3871, 0.2977



92.4531, 0.3524, 0.4180



18.0730, 0.3249, 0.3222



11.3848, 0.5812, 0.2975



1.1264, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 53.6848, 0.2547, 0.2567 looks on a white background.

Color Contrast Check

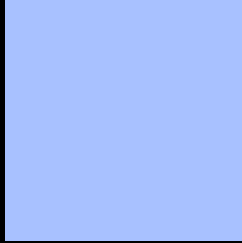
Large Text (above 18pt) WCAG AA × Fail

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 53.6848, 0.2547, 0.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

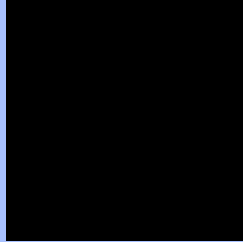
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

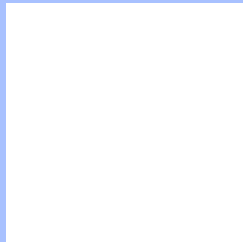
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6848, 0.2547, 0.2567

Background



This preview shows how black text looks on a background with the Yxy color 53.6848, 0.2547, 0.2567.



This preview shows how white text looks on a background with the Yxy color 53.6848, 0.2547, 0.2567.

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

53.6848, 0.2547, 0.2567

Protanopia

53.5836, 0.2606, 0.2573

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.6373, 0.2724, 0.3086

Trichromacy



Original Color

53.6848, 0.2547, 0.2567

Protanomaly

53.7393, 0.2582, 0.2571

Deuteranomaly

53.4803, 0.2582, 0.2550

Tritanomaly

53.3271, 0.2656, 0.2882

Monochromacy



Original Color

53.6848, 0.2547, 0.2567

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2881, 0.2893, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6848, 0.2547, 0.2567 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(168, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.6848, 0.2547, 0.2567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

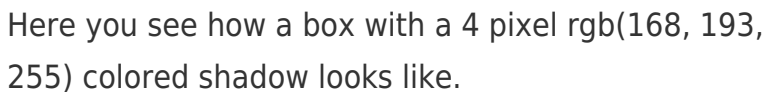
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 193, 255) }
```

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

```
.border{ border-color:rgb(168, 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(168, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6848, 0.2547, 0.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 255) }
```

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

```
.background{ background-color: rgb(168,  
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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