

Converting Colors

$Y_{xy}(53.1953, 0.2622, 0.2728)$

Have a look what the booklet for
Yxy(53.1953, 0.2622, 0.2728)
contains.

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Color

Yxy(53.1499, 0.2620, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	A7C2F1
RGB	167, 194, 241
RGB Percent	65%, 76%, 95%
CMY	0.3452, 0.2392, 0.0549
CMYK	0.31, 0.20, 0.00, 0.05
HSL	218°, 73%, 80%
HSV	218°, 31%, 95%
XYZ	51.1019, 53.1499, 90.7937
YIQ	191.2850, -31.1790, 8.8930

Conversions

Conversions Part 2

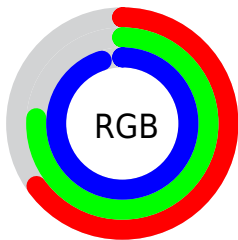
Format	Color
R _Y B	167, 187, 241
Decimal	10994417
CIE Lab	77.96, 1.56, -26.24
CIE LCh	78, 26.287, 273.394
Yxy	53.1499, 0.2620, 0.2725
Android (android.graphics.Color)	4289184497 (0xFFA7C2F1)
YUV	191.2850, 24.5095, -21.2979
Hunter-Lab	72.9040, -2.4627, -22.8062

Details

The Yxy color **53.1499, 0.2620, 0.2725** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.5731, 0.3671, 0.3796**, and the grayscale version is **52.1416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2792, 0.2933, 0.3239**, and **26.0632, 0.2490, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **44.3035, 0.2443, 0.2502**, and if you desaturate by 10%, it is **63.1908, 0.2794, 0.2930**.

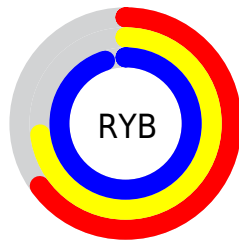
Distribution



Red (65%)

Green (76%)

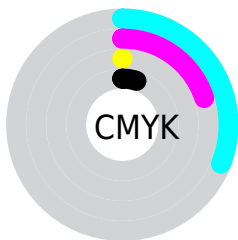
Blue (95%)



Red (65%)

Yellow (73%)

Blue (95%)

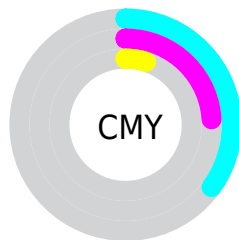


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1499, 0.2620, 0.2725 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 53.1499, 0.2620, 0.2725 by changing the saturation by 10% instead.

■ 53.1499, 0.2620,
0.2725

■ 53.1499, 0.2620,
0.2725

■ 398.8600, 0.2864,
0.2996

■ 37.9224, 0.2562,
0.2661

■ 94.8249, 0.2706,
0.2821

■ 25.9225, 0.2490,
0.2582

■ 122.0413, 0.2739,
0.2857

■ 16.7657, 0.2397,
0.2480

■ 154.0227, 0.2768,
0.2889

■ 10.0676, 0.2274,
0.2345

■ 191.1536, 0.2792,
0.2916

■ 5.4438, 0.2104,
0.2160

■ 233.8184, 0.2814,
0.2940

■ 2.5099, 0.1855,
0.1891

■ 282.4014, 0.2832,

■ 0.8816, 0.1472,

0.2960

0.1481

337.2872, 0.2849,
0.2979

0.0000, 0.0000,
0.0000

53.1499, 0.2620,
0.2725

53.1499, 0.2620,
0.2725

44.3035, 0.2443,
0.2502

63.1908, 0.2794,
0.2930

36.5971, 0.2267,
0.2265

74.4653, 0.2960,
0.3114

29.9807, 0.2099,
0.2019

87.0182, 0.3116,
0.3279

24.3975, 0.1946,
0.1771

99.1316, 0.3208,
0.3424

19.7845, 0.1817,
0.1533

■ 16.0699, 0.1716,
0.1314

■ 13.3325, 0.1649,
0.1135

Harmonies

Analogous

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



53.1499, 0.2482, 0.2853



53.1499, 0.2620, 0.2725



53.1499, 0.2893, 0.2740

Triad

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



53.1499, 0.2620, 0.2725



53.1499, 0.3793, 0.3406



53.1499, 0.2983, 0.3756

Complementary

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



53.1499, 0.2620, 0.2725



69.5731, 0.3671, 0.3796

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.



53.1499, 0.3334, 0.3913



53.1499, 0.2620, 0.2725



53.1499, 0.3813, 0.3682

Square

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



53.1499, 0.2620, 0.2725



53.1499, 0.3580, 0.3120



53.1499, 0.3641, 0.3875



53.1499, 0.2683, 0.3451

Rectangle

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



53.1499, 0.2620, 0.2725



53.1499, 0.3124, 0.2822



53.1499, 0.3641, 0.3875



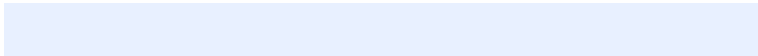
53.1499, 0.3099, 0.3829

Sweetspot

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



53.1520, 0.2620, 0.2725



86.9581, 0.2987, 0.3144



75.9788, 0.2826, 0.3609



18.1855, 0.2964, 0.3118



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.



53.1520, 0.2620, 0.2725



53.8372, 0.2507, 0.2585



43.3081, 0.2652, 0.2404



16.1738, 0.2980, 0.3136



7.4635, 0.1657, 0.1164



0.8041, 0.1730, 0.1426

Inverse Universe

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



50.2260, 0.3569, 0.2996



50.5724, 0.3699, 0.2933



82.7195, 0.3521, 0.4077



15.8543, 0.3236, 0.3204



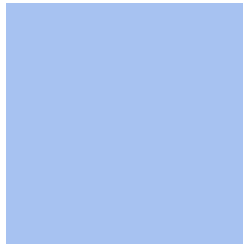
10.5468, 0.5517, 0.2813



0.8959, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 53.1499, 0.2620, 0.2725 looks on a white background.

Color Contrast Check

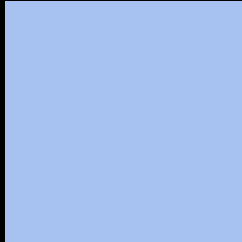
Large Text (above 18pt) WCAG AA × Fail

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 53.1499, 0.2620, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

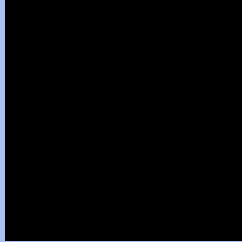
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

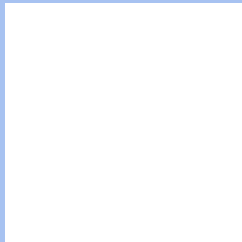
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1499, 0.2620, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 53.1499, 0.2620, 0.2725.



This preview shows how white text looks on a background with the Yxy color 53.1499, 0.2620, 0.2725.

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

53.1499, 0.2620, 0.2725

Protanopia

52.8237, 0.2727, 0.2723

Deuteranopia

53.1203, 0.2729, 0.2673



Tritanopia

53.3302, 0.2742, 0.3086

Trichromacy



Original Color

53.1499, 0.2620, 0.2725

Protanomaly

52.7237, 0.2687, 0.2719

Deuteranomaly

53.1374, 0.2683, 0.2689

Tritanomaly

53.1009, 0.2698, 0.2953

Monochromacy



Original Color

53.1499, 0.2620, 0.2725

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2478, 0.2926, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1499, 0.2620, 0.2725 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, 194, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 241)  
}
```

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, 194, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 241) }
```

Border

The CSS property to change the border of an element to Yxy 53.1499, 0.2620, 0.2725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

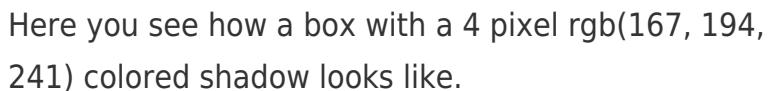
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 194, 241) }
```

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

```
.border{ border-color:rgb(167, 194, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 194, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 194, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 194, 241); box-shadow:4px 4px 4px 4px rgb(167, 194, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1499, 0.2620, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 241) }
```

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

```
.background{ background-color: rgb(167,  
194, 241) }
```

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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