

Converting Colors

Yxy(53.9840, 0.2620, 0.2486)

Have a look what the booklet for
Yxy(53.9840, 0.2620, 0.2486)
contains.

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Color

Yxy(53.5007, 0.2649, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	B9BCFF
RGB	185, 188, 255
RGB Percent	73%, 74%, 100%
CMY	0.2746, 0.2627, 0.0000
CMYK	0.27, 0.26, 0.00, 0.00
HSL	237°, 100%, 86%
HSV	237°, 27%, 100%
XYZ	56.0393, 53.5007, 102.0088
YIQ	194.7410, -23.2950, 20.2010

Conversions

Conversions Part 2

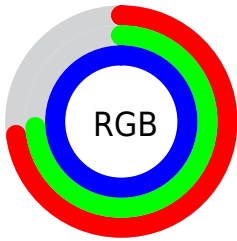
Format	Color
R _Y B	185, 188, 255
Decimal	12172543
CIE Lab	78.17, 13.36, -33.34
CIE LCh	78, 35.915, 291.839
Yxy	53.5007, 0.2649, 0.2529
Android (android.graphics.Color)	4290362623 (0xFFB9BCFF)
YUV	194.7410, 29.7077, -8.5429
Hunter-Lab	73.1442, 8.7552, -31.4865

Details

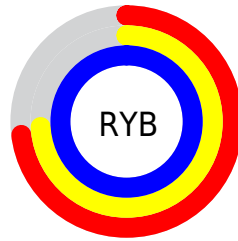
The Yxy color **53.5007, 0.2649, 0.2529** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.3590, 0.3551, 0.3952**, and the grayscale version is **54.2385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7986, 0.3049, 0.3182**, and **26.1510, 0.2523, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **41.0522, 0.2443, 0.2197**, and if you desaturate by 10%, it is **68.2792, 0.2840, 0.2835**.

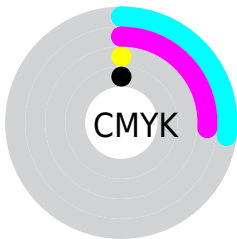
Distribution



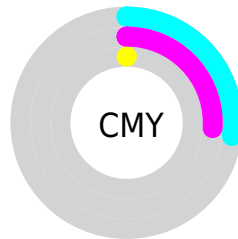
- Red (73%)
- Green (74%)
- Blue (100%)



- Red (73%)
- Yellow (74%)
- Blue (100%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5007, 0.2649, 0.2529 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 53.5007, 0.2649, 0.2529 by changing the saturation by 10% instead.


 53.5007, 0.2649,
0.2529

 53.5007, 0.2649,
0.2529

400.2032, 0.2881,
0.2883

 38.2026, 0.2594,
0.2448


 95.3407, 0.2731,
0.2652

 26.1400, 0.2525,
0.2349


122.6515, 0.2763,
0.2700

 16.9284, 0.2436,
0.2225


154.7353, 0.2790,
0.2741

 10.1835, 0.2319,
0.2065

191.9764, 0.2813,
0.2777

 5.5208, 0.2157,
0.1851

234.7594, 0.2833,
0.2808

 2.5559, 0.1923,
0.1559

283.4686, 0.2851,

 0.9046, 0.1566,

0.2836

0.1147

338.4884, 0.2867,
0.2861

0.0000, 0.0484,
0.0000

0.0000, 0.0000,
0.0000

53.5007, 0.2649,
0.2529

53.5007, 0.2649,
0.2529

41.0522, 0.2443,
0.2197

68.2792, 0.2840,
0.2835

30.8150, 0.2230,
0.1850

85.4984, 0.3012,
0.3108

22.6596, 0.2021,
0.1506

100.0000, 0.3127,
0.3290

16.4431, 0.1831,
0.1190

■ 12.0046, 0.1677,
0.0927

■ 9.1574, 0.1570,
0.0739

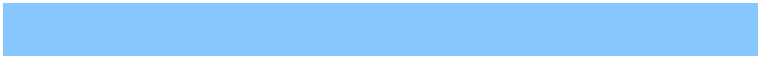
■ 7.6704, 0.1514,
0.0633

■ 7.4607, 0.1505,
0.0618

Harmonies

Analogous

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



53.5007, 0.2354, 0.2573



53.5007, 0.2649, 0.2529



53.5007, 0.3091, 0.2658

Triad

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



53.5007, 0.2649, 0.2529



53.5007, 0.4086, 0.3665



53.5007, 0.2663, 0.3688

Complementary

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



53.5007, 0.2649, 0.2529



94.3590, 0.3551, 0.3952

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.



53.5007, 0.3104, 0.4055



53.5007, 0.2649, 0.2529



53.5007, 0.3938, 0.3991

Square

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



53.5007, 0.2649, 0.2529



53.5007, 0.3954, 0.3283



53.5007, 0.3573, 0.4156



53.5007, 0.2359, 0.3210

Rectangle

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



53.5007, 0.2649, 0.2529



53.5007, 0.3420, 0.2824



53.5007, 0.3573, 0.4156



53.5007, 0.2799, 0.3833

Sweetspot

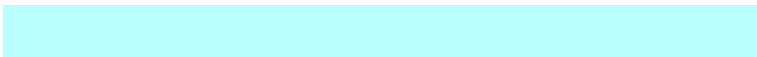
The Sweet Spot groups the original color and five complimentary colors.



53.5006, 0.2649, 0.2529



84.5088, 0.3003, 0.3094



88.8272, 0.2743, 0.3326



17.5040, 0.2978, 0.3055



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.



53.5006, 0.2649, 0.2529



46.3266, 0.2537, 0.2348



56.5786, 0.2869, 0.2542



17.5040, 0.2978, 0.3055



3.9527, 0.1507, 0.0626



0.4273, 0.1524, 0.0687

Inverse Universe

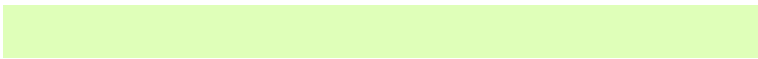
The Inverse Universe completely reimagines the original color for something new.



59.5770, 0.3702, 0.3260



53.4047, 0.3867, 0.3254



90.7870, 0.3333, 0.4029



17.9998, 0.3288, 0.3280



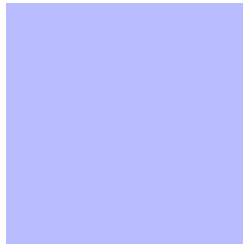
11.1270, 0.6357, 0.3276



1.0877, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 53.5007, 0.2649, 0.2529 looks on a white background.

Color Contrast Check

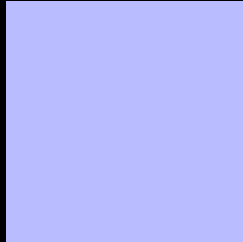
Large Text (above 18pt) WCAG AA × Fail

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 53.5007, 0.2649, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

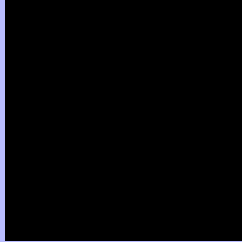
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5007, 0.2649, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 53.5007, 0.2649, 0.2529.



This preview shows how white text looks on a background with the Yxy color 53.5007, 0.2649, 0.2529.

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

53.5007, 0.2649, 0.2529

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.4634, 0.2863, 0.3091

Trichromacy



Original Color

53.5007, 0.2649, 0.2529

Protanomaly

53.6306, 0.2612, 0.2545

Deuteranomaly

53.4389, 0.2624, 0.2536

Tritanomaly

53.3251, 0.2778, 0.2868

Monochromacy



Original Color

53.5007, 0.2649, 0.2529

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7854, 0.2939, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5007, 0.2649, 0.2529 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(185, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 188, 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(185, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5007, 0.2649, 0.2529 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(185, 188, 255) }
```

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

```
.border{ border-color:rgb(185, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 188,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5007, 0.2649, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 188, 255) }
```

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

```
.background{ background-color: rgb(185,  
188, 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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