

Converting Colors

$Y_{xy}(53.8537, 0.2589, 0.2572)$

Have a look what the booklet for
Yxy(53.8537, 0.2589, 0.2572)
contains.

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Color

Yxy(53.8537, 0.2589, 0.2572)

Conversions

Conversions Part 1

Format	Color
Hex	AEC0FE
RGB	174, 192, 254
RGB Percent	68%, 75%, 100%
CMY	0.3173, 0.2471, 0.0038
CMYK	0.31, 0.24, 0.00, 0.00
HSL	227°, 98%, 84%
HSV	227°, 31%, 100%
XYZ	54.2097, 53.8537, 101.3212
YIQ	193.6860, -30.6300, 15.4660

Conversions

Conversions Part 2

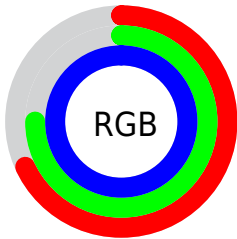
Format	Color
RYB	174, 189, 254
Decimal	11452670
CIELab	78.38, 7.86, -32.54
CIELCh	78, 33.476, 283.573
Yxy	53.8537, 0.2589, 0.2572
Android (android.graphics.Color)	4289642750 (0xFFAEC0FE)
YUV	193.6860, 29.7348, -17.2646
Hunter-Lab	73.3851, 3.4343, -30.4908

Details

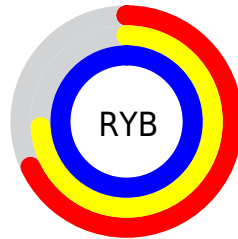
The Yxy color **53.8537, 0.2589, 0.2572** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.1938, 0.3655, 0.3917**, and the grayscale version is **53.5968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3437, 0.2981, 0.3220**, and **26.4184, 0.2451, 0.2405** is the 20% darker color. If you saturate the color by 10%, you get **43.1233, 0.2397, 0.2295**, and if you desaturate by 10%, it is **66.2996, 0.2774, 0.2827**.

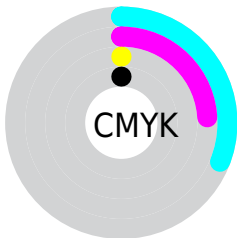
Distribution



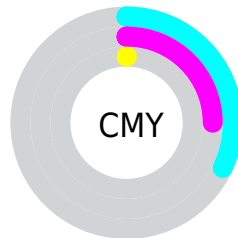
- Red (68%)
- Green (75%)
- Blue (100%)



- Red (68%)
- Yellow (74%)
- Blue (100%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8537, 0.2589, 0.2572 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 53.8537, 0.2589, 0.2572 by changing the saturation by 10% instead.

■ 53.8537, 0.2589,
0.2572

■ 53.8537, 0.2589,
0.2572

401.5519, 0.2848,
0.2909

■ 38.4847, 0.2528,
0.2495

■ 95.8594, 0.2680,
0.2689

■ 26.3591, 0.2452,
0.2399

123.2649, 0.2715,
0.2735

■ 17.0925, 0.2355,
0.2279

155.4514, 0.2745,
0.2774

■ 10.3004, 0.2227,
0.2123

192.8032, 0.2771,
0.2808

■ 5.5986, 0.2052,
0.1914

235.7047, 0.2794,
0.2838

■ 2.6026, 0.1803,
0.1624

284.5405, 0.2814,

■ 0.9280, 0.1428,

0.2864

0.1210

339.6947, 0.2832,
0.2888

0.0000, 0.0081,
0.0000

0.0000, 0.0000,
0.0000

53.8537, 0.2589,
0.2572

53.8537, 0.2589,
0.2572

43.1233, 0.2397,
0.2295

66.2996, 0.2774,
0.2827

34.0250, 0.2203,
0.2004

80.5266, 0.2946,
0.3058

26.4780, 0.2018,
0.1708

96.6044, 0.3105,
0.3262

20.3915, 0.1852,
0.1424

99.9372, 0.3133,
0.3299

■ 15.6645, 0.1714,
0.1167

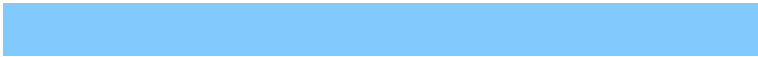
■ 12.1815, 0.1614,
0.0953

■ 10.0721, 0.1559,
0.0811

Harmonies

Analogous

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



53.8537, 0.2359, 0.2663



53.8537, 0.2589, 0.2572



53.8537, 0.2972, 0.2650

Triad

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



53.8537, 0.2589, 0.2572



53.8537, 0.4011, 0.3547



53.8537, 0.2800, 0.3770

Complementary

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



53.8537, 0.2589, 0.2572



84.1938, 0.3655, 0.3917

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.



53.8537, 0.3231, 0.4051



53.8537, 0.2589, 0.2572



53.8537, 0.3945, 0.3874

Square

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



53.8537, 0.2589, 0.2572



53.8537, 0.3818, 0.3189



53.8537, 0.3653, 0.4075



53.8537, 0.2472, 0.3340

Rectangle

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



53.8537, 0.2589, 0.2572



53.8537, 0.3275, 0.2784



53.8537, 0.3653, 0.4075



53.8537, 0.2937, 0.3888

Sweetspot

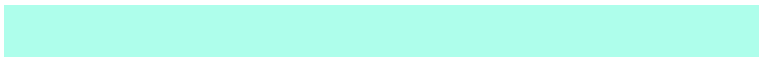
The Sweet Spot groups the original color and five complimentary colors.



53.8558, 0.2589, 0.2572



85.0623, 0.2987, 0.3111



85.9248, 0.2766, 0.3496



17.7209, 0.2963, 0.3080



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.



53.8558, 0.2589, 0.2572



47.0610, 0.2464, 0.2393



49.1146, 0.2713, 0.2395



18.0374, 0.2979, 0.3100



5.4879, 0.1565, 0.0835



0.6889, 0.1621, 0.1035

Inverse Universe

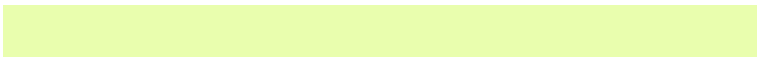
The Inverse Universe completely reimagines the original color for something new.



55.1823, 0.3687, 0.3104



49.0350, 0.3856, 0.3064



91.2305, 0.3459, 0.4119



18.0537, 0.3259, 0.3237



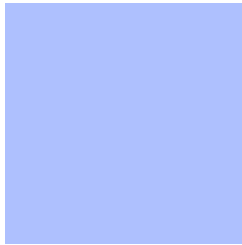
11.2820, 0.6014, 0.3087



1.1141, 0.5707, 0.2917

Previews

White Background



This preview shows how the Yxy color 53.8537, 0.2589, 0.2572 looks on a white background.

Color Contrast Check

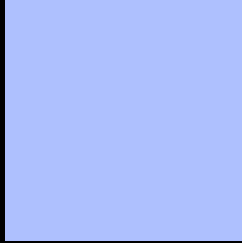
Large Text (above 18pt) WCAG AA × Fail

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 53.8537, 0.2589, 0.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

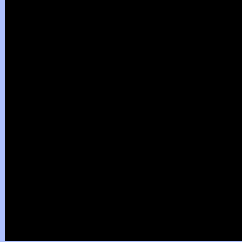
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8537, 0.2589, 0.2572

Background



This preview shows how black text looks on a background with the Yxy color 53.8537, 0.2589, 0.2572.



This preview shows how white text looks on a background with the Yxy color 53.8537, 0.2589, 0.2572.

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

53.8537, 0.2589, 0.2572

Protanopia

53.7645, 0.2606, 0.2564

Deuteranopia

53.5664, 0.2618, 0.2555



Tritanopia

53.8601, 0.2776, 0.3088

Trichromacy



Original Color

53.8537, 0.2589, 0.2572

Protanomaly

53.6475, 0.2600, 0.2563

Deuteranomaly

53.7645, 0.2606, 0.2564

Tritanomaly

53.5720, 0.2707, 0.2886

Monochromacy



Original Color

53.8537, 0.2589, 0.2572

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6626, 0.2916, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8537, 0.2589, 0.2572 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(174, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(174, 192, 254)  
}
```

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(174, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 192, 254) }
```

Border

The CSS property to change the border of an element to Yxy 53.8537, 0.2589, 0.2572 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(174, 192, 254) }
```

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

```
.border{ border-color:rgb(174, 192, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 192, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(174, 192,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8537, 0.2589, 0.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 192, 254) }
```

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

```
.background{ background-color: rgb(174,  
192, 254) }
```

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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