

Converting Colors

Yxy(55.8156, 0.2613, 0.2619)

Have a look what the booklet for
Yxy(55.8156, 0.2613, 0.2619)
contains.

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Color

Yxy(55.9827, 0.2613, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4FE
RGB	177, 196, 254
RGB Percent	69%, 77%, 100%
CMY	0.3061, 0.2313, 0.0040
CMYK	0.30, 0.23, 0.00, 0.00
HSL	225°, 97%, 84%
HSV	225°, 30%, 100%
XYZ	55.7480, 55.9827, 101.6180
YIQ	196.9310, -29.9420, 14.0100

Conversions

Conversions Part 2

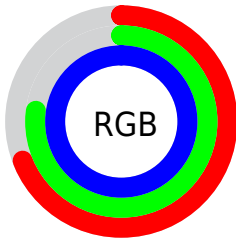
Format	Color
R _Y B	177, 192, 254
Decimal	11650302
CIE Lab	79.60, 6.45, -30.61
CIE LCh	80, 31.287, 281.899
Yxy	55.9827, 0.2613, 0.2624
Android (android.graphics.Color)	4289840382 (0xFFB1C4FE)
YUV	196.9310, 28.1350, -17.4795
Hunter-Lab	74.8216, 2.0589, -28.1488

Details

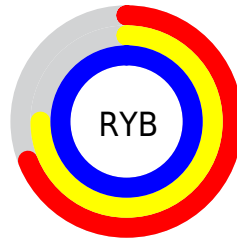
The Yxy color **55.9827, 0.2613, 0.2624** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6004, 0.3639, 0.3877**, and the grayscale version is **55.6272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3332, 0.2999, 0.3260**, and **27.5148, 0.2481, 0.2458** is the 20% darker color. If you saturate the color by 10%, you get **45.1966, 0.2424, 0.2358**, and if you desaturate by 10%, it is **68.4260, 0.2795, 0.2869**.

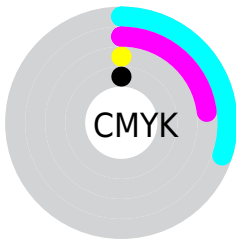
Distribution



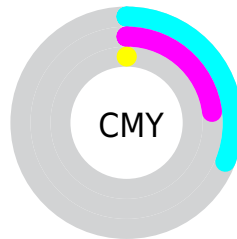
- Red (69%)
- Green (77%)
- Blue (100%)



- Red (69%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9827, 0.2613, 0.2624 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 55.9827, 0.2613, 0.2624 by changing the saturation by 10% instead.

■ 55.9827, 0.2613,
0.2624

■ 55.9827, 0.2613,
0.2624

409.6263, 0.2859,
0.2936

■ 40.1891, 0.2555,
0.2552

■ 98.9793, 0.2700,
0.2733

■ 27.6860, 0.2484,
0.2464

126.9510, 0.2733,
0.2775

■ 18.0891, 0.2392,
0.2352

159.7509, 0.2761,
0.2811

■ 11.0140, 0.2272,
0.2208

197.7633, 0.2786,
0.2843

■ 6.0762, 0.2108,
0.2013

241.3727, 0.2808,
0.2870

■ 2.8915, 0.1873,
0.1742

290.9633, 0.2827,

■ 1.0753, 0.1520,

0.2895

0.1349

346.9198, 0.2844,
0.2917

0.0000, 0.0428,
0.0000

0.0000, 0.0000,
0.0000

55.9827, 0.2613,
0.2624

55.9827, 0.2613,
0.2624

45.1966, 0.2424,
0.2358

68.4260, 0.2795,
0.2869

35.9890, 0.2233,
0.2076

82.5873, 0.2965,
0.3089

28.2848, 0.2049,
0.1788

98.5324, 0.3122,
0.3284

21.9992, 0.1882,
0.1506

99.9347, 0.3133,
0.3300

■ 17.0387, 0.1742,
0.1247

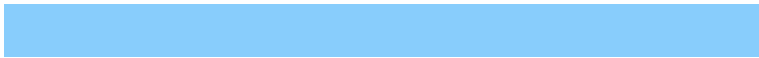
■ 13.2963, 0.1638,
0.1025

■ 10.6989, 0.1571,
0.0855

Harmonies

Analogous

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



55.9827, 0.2407, 0.2721



55.9827, 0.2613, 0.2624



55.9827, 0.2963, 0.2687

Triad

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



55.9827, 0.2613, 0.2624



55.9827, 0.3939, 0.3514



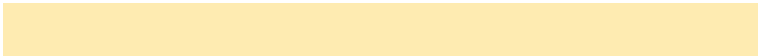
55.9827, 0.2847, 0.3750

Complementary

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



55.9827, 0.2613, 0.2624



83.6004, 0.3639, 0.3877

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.



55.9827, 0.3249, 0.3996



55.9827, 0.2613, 0.2624



55.9827, 0.3892, 0.3819

Square

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



55.9827, 0.2613, 0.2624



55.9827, 0.3748, 0.3180



55.9827, 0.3634, 0.4009



55.9827, 0.2534, 0.3361

Rectangle

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



55.9827, 0.2613, 0.2624



55.9827, 0.3241, 0.2807



55.9827, 0.3634, 0.4009



55.9827, 0.2976, 0.3855

Sweetspot

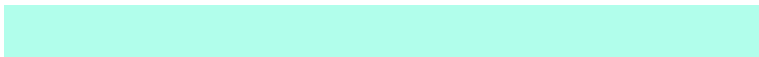
The Sweet Spot groups the original color and five complimentary colors.



55.9849, 0.2613, 0.2624



85.3784, 0.2987, 0.3116



86.1951, 0.2784, 0.3502



17.7983, 0.2963, 0.3086



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.



55.9849, 0.2613, 0.2624



50.1184, 0.2506, 0.2475



50.3389, 0.2722, 0.2429



18.1084, 0.2979, 0.3106



5.8350, 0.1578, 0.0880



0.7317, 0.1636, 0.1087

Inverse Universe

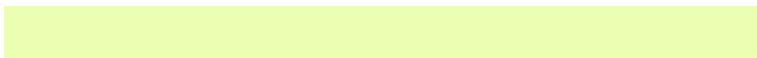
The Inverse Universe completely reimagines the original color for something new.



56.4755, 0.3643, 0.3092



51.0679, 0.3781, 0.3054



91.6597, 0.3456, 0.4085



18.0609, 0.3255, 0.3231



11.3170, 0.5943, 0.3047



1.1184, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 55.9827, 0.2613, 0.2624 looks on a white background.

Color Contrast Check

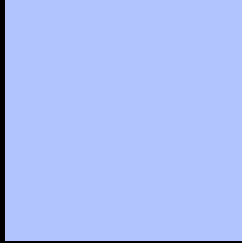
Large Text (above 18pt) WCAG AA × Fail

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 55.9827, 0.2613, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

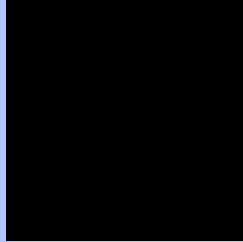
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9827, 0.2613, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 55.9827, 0.2613, 0.2624.



This preview shows how white text looks on a background with the Yxy color 55.9827, 0.2613, 0.2624.

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

55.9827, 0.2613, 0.2624

Protanopia

56.0671, 0.2650, 0.2628

Deuteranopia

56.1179, 0.2656, 0.2599



Tritanopia

55.7905, 0.2774, 0.3079

Trichromacy



Original Color

55.9827, 0.2613, 0.2624

Protanomaly

55.8254, 0.2637, 0.2625

Deuteranomaly

56.1953, 0.2638, 0.2608

Tritanomaly

55.9054, 0.2713, 0.2904

Monochromacy



Original Color

55.9827, 0.2613, 0.2624

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9416, 0.2926, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9827, 0.2613, 0.2624 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(177, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 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(177, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 254) }
```

Border

The CSS property to change the border of an element to Yxy 55.9827, 0.2613, 0.2624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

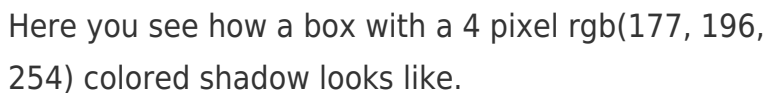
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 196, 254) }
```

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

```
.border{ border-color:rgb(177, 196, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 196, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 196, 254); box-shadow:4px 4px 4px 4px rgb(177, 196, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9827, 0.2613, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 254) }
```

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

```
.background{ background-color: rgb(177,  
196, 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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