

Converting Colors

$Yxy(55.2519, 0.2647, 0.2634)$

Have a look what the booklet for
Yxy(55.2519, 0.2647, 0.2634)
contains.

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Color

Yxy(55.2519, 0.2647, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	B4C2FB
RGB	180, 194, 251
RGB Percent	71%, 76%, 98%
CMY	0.2941, 0.2392, 0.0158
CMYK	0.28, 0.23, 0.00, 0.02
HSL	228°, 90%, 85%
HSV	228°, 28%, 98%
XYZ	55.5246, 55.2519, 98.9877
YIQ	196.3120, -26.6410, 14.7590

Conversions

Conversions Part 2

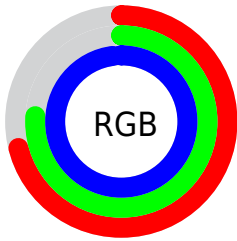
Format	Color
R _Y B	180, 192, 251
Decimal	11846395
CIE Lab	79.19, 7.69, -29.63
CIE LCh	79, 30.616, 284.551
Yxy	55.2519, 0.2647, 0.2634
Android (android.graphics.Color)	4290036475 (0xFFB4C2FB)
YUV	196.3120, 26.9612, -14.3056
Hunter-Lab	74.3316, 3.2565, -26.9246

Details

The Yxy color **55.2519, 0.2647, 0.2634** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3580, 0.3592, 0.3870**, and the grayscale version is **55.2473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5957, 0.3018, 0.3240**, and **27.3804, 0.2531, 0.2487** is the 20% darker color. If you saturate the color by 10%, you get **44.1408, 0.2454, 0.2354**, and if you desaturate by 10%, it is **68.1285, 0.2830, 0.2890**.

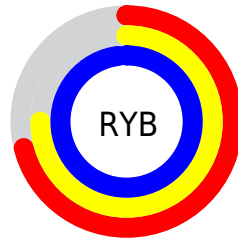
Distribution



Red (71%)

Green (76%)

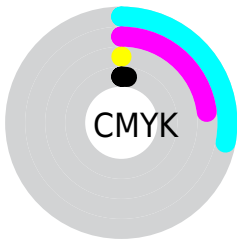
Blue (98%)



Red (71%)

Yellow (75%)

Blue (98%)

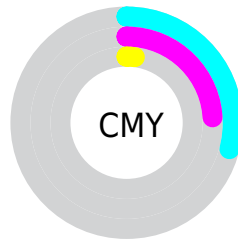


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2519, 0.2647, 0.2634 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 55.2519, 0.2647, 0.2634 by changing the saturation by 10% instead.

■ 55.2519, 0.2647,
0.2634

■ 55.2519, 0.2647,
0.2634

406.8661, 0.2878,
0.2942

■ 39.6034, 0.2593,
0.2563

■ 97.9099, 0.2728,
0.2741

■ 27.2295, 0.2525,
0.2476

125.6883, 0.2760,
0.2783

■ 17.7456, 0.2438,
0.2365

158.2787, 0.2787,
0.2819

■ 10.7675, 0.2323,
0.2221

196.0657, 0.2810,
0.2850

■ 5.9107, 0.2165,
0.2028

239.4335, 0.2830,
0.2877

■ 2.7909, 0.1937,
0.1756

288.7665, 0.2848,

■ 1.0236, 0.1587,

0.2901

0.1360

344.4493, 0.2864,
0.2923

0.0000, 0.0414,
0.0000

0.0000, 0.0000,
0.0000

55.2519, 0.2647,
0.2634

55.2519, 0.2647,
0.2634

44.1408, 0.2454,
0.2354

68.1285, 0.2830,
0.2890

34.7107, 0.2257,
0.2057

82.8372, 0.2999,
0.3120

26.8796, 0.2065,
0.1753

99.3921, 0.3151,
0.3323

20.5560, 0.1889,
0.1458

99.7438, 0.3150,
0.3328

■ 15.6385, 0.1740,
0.1188

■ 12.0123, 0.1628,
0.0962

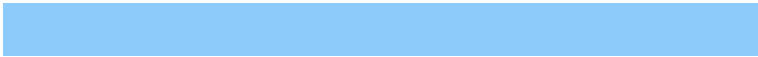
■ 9.5356, 0.1556,
0.0792

■ 9.2031, 0.1547,
0.0768

Harmonies

Analogous

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



55.2519, 0.2430, 0.2715



55.2519, 0.2647, 0.2634



55.2519, 0.3001, 0.2709

Triad

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



55.2519, 0.2647, 0.2634



55.2519, 0.3930, 0.3540



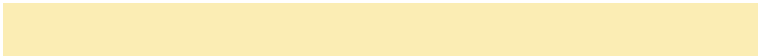
55.2519, 0.2820, 0.3712

Complementary

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



55.2519, 0.2647, 0.2634



84.3580, 0.3592, 0.3870

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.



55.2519, 0.3212, 0.3970



55.2519, 0.2647, 0.2634



55.2519, 0.3865, 0.3833

Square

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



55.2519, 0.2647, 0.2634



55.2519, 0.3762, 0.3211



55.2519, 0.3596, 0.4005



55.2519, 0.2523, 0.3324

Rectangle

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



55.2519, 0.2647, 0.2634



55.2519, 0.3276, 0.2834



55.2519, 0.3596, 0.4005



55.2519, 0.2945, 0.3819

Sweetspot

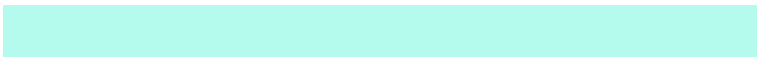
The Sweet Spot groups the original color and five complimentary colors.



55.2541, 0.2647, 0.2634



86.3272, 0.3003, 0.3126



84.7879, 0.2787, 0.3446



17.9577, 0.2979, 0.3093



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.



55.2541, 0.2647, 0.2634



50.4442, 0.2537, 0.2476



52.0676, 0.2781, 0.2501



17.1972, 0.2979, 0.3094



4.9981, 0.1553, 0.0790



0.6038, 0.1609, 0.0991

Inverse Universe

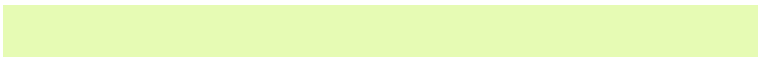
The Inverse Universe completely reimagines the original color for something new.



57.0458, 0.3628, 0.3144



52.8960, 0.3772, 0.3112



89.0490, 0.3410, 0.4035



17.2812, 0.3263, 0.3243



10.9155, 0.6085, 0.3126



1.0252, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 55.2519, 0.2647, 0.2634 looks on a white background.

Color Contrast Check

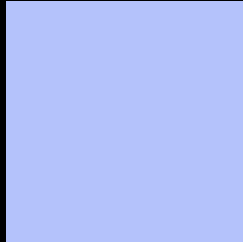
Large Text (above 18pt) WCAG AA × Fail

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 55.2519, 0.2647, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

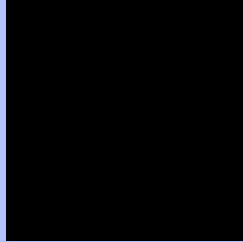
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2519, 0.2647, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 55.2519, 0.2647, 0.2634.



This preview shows how white text looks on a background with the Yxy color 55.2519, 0.2647, 0.2634.

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

55.2519, 0.2647, 0.2634

Protanopia

55.3724, 0.2653, 0.2635

Deuteranopia

55.1034, 0.2684, 0.2617



Tritanopia

55.1507, 0.2819, 0.3092

Trichromacy



Original Color

55.2519, 0.2647, 0.2634

Protanomaly

55.3724, 0.2653, 0.2635

Deuteranomaly

55.2953, 0.2672, 0.2627

Tritanomaly

55.2754, 0.2756, 0.2916

Monochromacy



Original Color

55.2519, 0.2647, 0.2634

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9352, 0.2939, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2519, 0.2647, 0.2634 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(180, 194, 251)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 251)  
}
```

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(180, 194, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 251) }
```

Border

The CSS property to change the border of an element to Yxy 55.2519, 0.2647, 0.2634 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(180, 194, 251) }
```

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

```
.border{ border-color:rgb(180, 194, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 251);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2519, 0.2647, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 251) }
```

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

```
.background{ background-color: rgb(180,  
194, 251) }
```

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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