

Converting Colors

$Yxy(56.0827, 0.2648, 0.2601)$

Have a look what the booklet for
Yxy(56.0827, 0.2648, 0.2601)
contains.

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Color

Yxy(55.9939, 0.2650, 0.2598)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2FF
RGB	184, 194, 255
RGB Percent	72%, 76%, 100%
CMY	0.2783, 0.2392, 0.0000
CMYK	0.28, 0.24, 0.00, 0.00
HSL	232°, 100%, 86%
HSV	232°, 28%, 100%
XYZ	57.1146, 55.9939, 102.4184
YIQ	197.9640, -25.5410, 16.8510

Conversions

Conversions Part 2

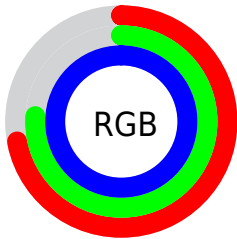
Format	Color
RYB	184, 193, 255
Decimal	12108543
CIELab	79.61, 9.82, -31.12
CIElCh	80, 32.627, 287.509
Yxy	55.9939, 0.2650, 0.2598
Android (android.graphics.Color)	4290298623 (0xFFB8C2FF)
YUV	197.9640, 28.1187, -12.2464
Hunter-Lab	74.8291, 5.2925, -28.7698

Details

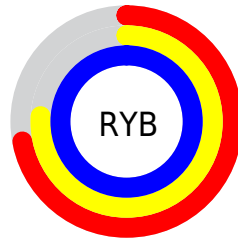
The Yxy color **55.9939, 0.2650, 0.2598** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.0437, 0.3574, 0.3898**, and the grayscale version is **56.2890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2920, 0.3042, 0.3241**, and **27.7941, 0.2527, 0.2442** is the 20% darker color. If you saturate the color by 10%, you get **44.0773, 0.2452, 0.2299**, and if you desaturate by 10%, it is **69.9192, 0.2836, 0.2872**.

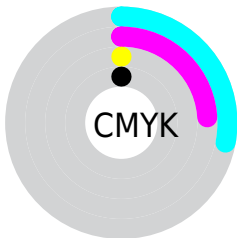
Distribution



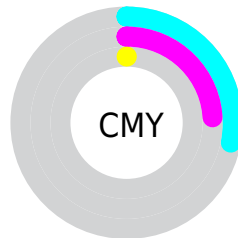
- Red (72%)
- Green (76%)
- Blue (100%)



- Red (72%)
- Yellow (76%)
- Blue (100%)



- Cyan (28%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9939, 0.2650, 0.2598 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 55.9939, 0.2650, 0.2598 by changing the saturation by 10% instead.


 55.9939, 0.2650,
0.2598

 55.9939, 0.2650,
0.2598

409.6685, 0.2879,
0.2920

 40.1980, 0.2596,
0.2525

 98.9957, 0.2731,
0.2710

 27.6930, 0.2529,
0.2434


126.9703, 0.2762,
0.2753

 18.0944, 0.2443,
0.2320


159.7734, 0.2789,
0.2791

 11.0177, 0.2330,
0.2173

197.7893, 0.2812,
0.2824

 6.0788, 0.2174,
0.1976

241.4023, 0.2832,
0.2852

 2.8930, 0.1950,
0.1704

290.9969, 0.2849,

 1.0761, 0.1610,

0.2878

0.1312

346.9575, 0.2865,
0.2900

0.0000, 0.0695,
0.0000

0.0000, 0.0000,
0.0000

55.9939, 0.2650,
0.2598

55.9939, 0.2650,
0.2598

44.0773, 0.2452,
0.2299

69.9192, 0.2836,
0.2872

34.0726, 0.2249,
0.1982

85.9368, 0.3006,
0.3118

25.8804, 0.2050,
0.1662

100.0000, 0.3127,
0.3290

19.3903, 0.1868,
0.1355

■ 14.4802, 0.1715,
0.1084

■ 11.0106, 0.1603,
0.0867

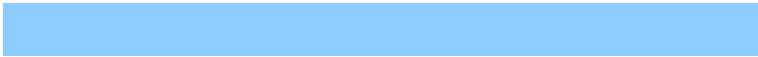
■ 8.8122, 0.1536,
0.0716

■ 8.4712, 0.1526,
0.0692

Harmonies

Analogous

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



55.9939, 0.2405, 0.2665



55.9939, 0.2650, 0.2598



55.9939, 0.3035, 0.2693

Triad

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



55.9939, 0.2650, 0.2598



55.9939, 0.3984, 0.3585



55.9939, 0.2764, 0.3702

Complementary

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



55.9939, 0.2650, 0.2598



90.0437, 0.3574, 0.3898

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.



55.9939, 0.3172, 0.3998



55.9939, 0.2650, 0.2598



55.9939, 0.3889, 0.3888

Square

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



55.9939, 0.2650, 0.2598



55.9939, 0.3829, 0.3238



55.9939, 0.3586, 0.4056



55.9939, 0.2465, 0.3283

Rectangle

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



55.9939, 0.2650, 0.2598



55.9939, 0.3328, 0.2833



55.9939, 0.3586, 0.4056



55.9939, 0.2892, 0.3822

Sweetspot

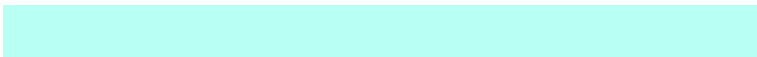
The Sweet Spot groups the original color and five complimentary colors.



55.9950, 0.2650, 0.2598



85.6528, 0.3003, 0.3114



88.2665, 0.2773, 0.3404



17.7892, 0.2979, 0.3079



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.



55.9950, 0.2650, 0.2598



49.5931, 0.2549, 0.2446



55.0468, 0.2813, 0.2519



17.7892, 0.2979, 0.3079



4.5505, 0.1530, 0.0709



0.5618, 0.1576, 0.0872

Inverse Universe

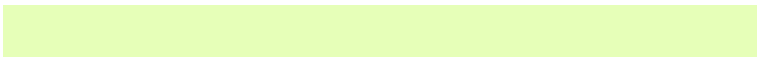
The Inverse Universe completely reimagines the original color for something new.



59.4459, 0.3653, 0.3188



53.7345, 0.3790, 0.3168



91.8309, 0.3382, 0.4029



18.0286, 0.3272, 0.3257



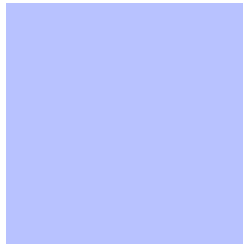
11.1873, 0.6217, 0.3199



1.1013, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 55.9939, 0.2650, 0.2598 looks on a white background.

Color Contrast Check

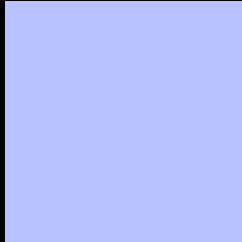
Large Text (above 18pt) WCAG AA × Fail

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 55.9939, 0.2650, 0.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

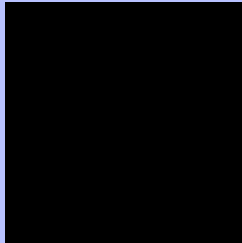
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9939, 0.2650, 0.2598

Background



This preview shows how black text looks on a background with the Yxy color 55.9939, 0.2650, 0.2598.



This preview shows how white text looks on a background with the Yxy color 55.9939, 0.2650, 0.2598.

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

55.9939, 0.2650, 0.2598

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

56.1179, 0.2656, 0.2599



Tritanopia

56.0131, 0.2834, 0.3093

Trichromacy



Original Color

55.9939, 0.2650, 0.2598

Protanomaly

56.1953, 0.2638, 0.2608

Deuteranomaly

56.1179, 0.2656, 0.2599

Tritanomaly

55.7414, 0.2764, 0.2896

Monochromacy



Original Color

55.9939, 0.2650, 0.2598

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3844, 0.2941, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9939, 0.2650, 0.2598 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(184, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 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(184, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.9939, 0.2650, 0.2598 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(184, 194, 255) }
```

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

```
.border{ border-color:rgb(184, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9939, 0.2650, 0.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 255) }
```

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

```
.background{ background-color: rgb(184,  
194, 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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