

Converting Colors

$Yxy(55.6599, 0.2616, 0.2601)$

Have a look what the booklet for
Yxy(55.6599, 0.2616, 0.2601)
contains.

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Color

Yxy(55.8339, 0.2619, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	B3C3FF
RGB	179, 195, 255
RGB Percent	70%, 76%, 100%
CMY	0.2980, 0.2353, 0.0000
CMYK	0.30, 0.24, 0.00, 0.00
HSL	227°, 100%, 85%
HSV	227°, 30%, 100%
XYZ	56.1555, 55.8339, 102.4265
YIQ	197.0560, -28.7960, 15.2680

Conversions

Conversions Part 2

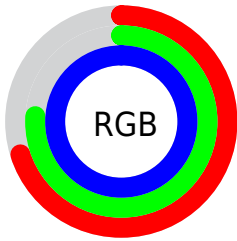
Format	Color
R _Y B	179, 192, 255
Decimal	11781119
CIE Lab	79.52, 7.83, -31.28
CIE LCh	80, 32.244, 284.060
Yxy	55.8339, 0.2619, 0.2604
Android (android.graphics.Color)	4289971199 (0xFFB3C3FF)
YUV	197.0560, 28.5664, -15.8351
Hunter-Lab	74.7221, 3.3836, -28.9672

Details

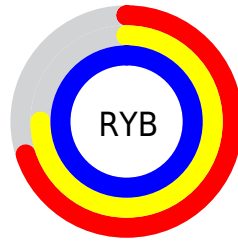
The Yxy color **55.8339, 0.2619, 0.2604** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2469, 0.3622, 0.3893**, and the grayscale version is **55.7090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0472, 0.3012, 0.3250**, and **27.7083, 0.2490, 0.2448** is the 20% darker color. If you saturate the color by 10%, you get **44.6518, 0.2426, 0.2325**, and if you desaturate by 10%, it is **68.7980, 0.2803, 0.2860**.

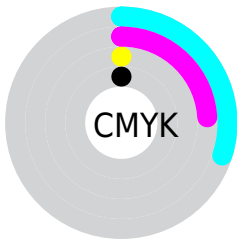
Distribution



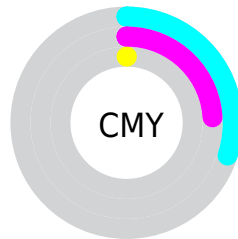
- Red (70%)
- Green (76%)
- Blue (100%)



- Red (70%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8339, 0.2619, 0.2604 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 55.8339, 0.2619, 0.2604 by changing the saturation by 10% instead.

■ 55.8339, 0.2619,
0.2604

■ 55.8339, 0.2619,
0.2604

409.0652, 0.2862,
0.2925

■ 40.0698, 0.2562,
0.2531

■ 98.7617, 0.2705,
0.2715

■ 27.5929, 0.2491,
0.2440

126.6941, 0.2738,
0.2759

■ 18.0190, 0.2400,
0.2326

159.4514, 0.2766,
0.2796

■ 10.9637, 0.2281,
0.2179

197.4181, 0.2790,
0.2828

■ 6.0424, 0.2118,
0.1981

240.9783, 0.2812,
0.2857

■ 2.8709, 0.1884,
0.1707

290.5167, 0.2831,

■ 1.0647, 0.1533,

0.2882

0.1312

346.4175, 0.2847,
0.2905

0.0000, 0.0502,
0.0000

0.0000, 0.0000,
0.0000

55.8339, 0.2619,
0.2604

55.8339, 0.2619,
0.2604

44.6518, 0.2426,
0.2325

68.7980, 0.2803,
0.2860

35.1663, 0.2231,
0.2031

83.6123, 0.2974,
0.3090

27.2938, 0.2042,
0.1731

100.0000, 0.3127,
0.3290

20.9411, 0.1870,
0.1441

■ 16.0046, 0.1727,
0.1177

■ 12.3664, 0.1621,
0.0957

■ 9.8697, 0.1554,
0.0791

■ 9.8297, 0.1552,
0.0788

Harmonies

Analogous

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



55.8339, 0.2395, 0.2690



55.8339, 0.2619, 0.2604



55.8339, 0.2987, 0.2681

Triad

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



55.8339, 0.2619, 0.2604



55.8339, 0.3969, 0.3544



55.8339, 0.2810, 0.3740

Complementary

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



55.8339, 0.2619, 0.2604



86.2469, 0.3622, 0.3893

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.



55.8339, 0.3221, 0.4009



55.8339, 0.2619, 0.2604



55.8339, 0.3903, 0.3853

Square

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



55.8339, 0.2619, 0.2604



55.8339, 0.3789, 0.3200



55.8339, 0.3624, 0.4039



55.8339, 0.2498, 0.3332

Rectangle

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



55.8339, 0.2619, 0.2604



55.8339, 0.3276, 0.2810



55.8339, 0.3624, 0.4039



55.8339, 0.2941, 0.3852

Sweetspot

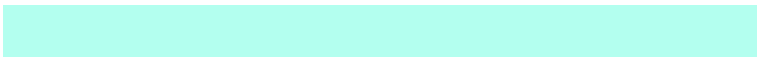
The Sweet Spot groups the original color and five complimentary colors.



55.8359, 0.2619, 0.2604



84.8843, 0.2987, 0.3107



87.3085, 0.2776, 0.3470



17.6774, 0.2963, 0.3076



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.



55.8359, 0.2619, 0.2604



48.7005, 0.2500, 0.2434



51.8143, 0.2749, 0.2450



17.9974, 0.2979, 0.3097



5.3083, 0.1559, 0.0811



0.6661, 0.1613, 0.1006

Inverse Universe

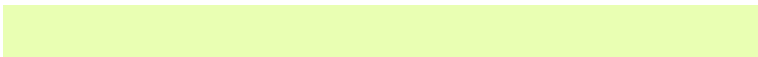
The Inverse Universe completely reimagines the original color for something new.



57.4414, 0.3656, 0.3125



50.9248, 0.3814, 0.3089



92.1772, 0.3433, 0.4075



18.0496, 0.3261, 0.3240



11.2638, 0.6051, 0.3107



1.1118, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 55.8339, 0.2619, 0.2604 looks on a white background.

Color Contrast Check

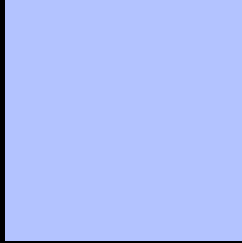
Large Text (above 18pt) WCAG AA × Fail

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 55.8339, 0.2619, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

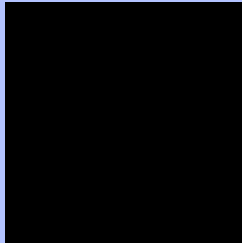
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8339, 0.2619, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 55.8339, 0.2619, 0.2604.



This preview shows how white text looks on a background with the Yxy color 55.8339, 0.2619, 0.2604.

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

55.8339, 0.2619, 0.2604

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

55.6742, 0.2655, 0.2588



Tritanopia

55.9609, 0.2794, 0.3092

Trichromacy



Original Color

55.8339, 0.2619, 0.2604

Protanomaly

55.9535, 0.2625, 0.2605

Deuteranomaly

55.8709, 0.2643, 0.2597

Tritanomaly

55.6150, 0.2731, 0.2904

Monochromacy



Original Color

55.8339, 0.2619, 0.2604

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4890, 0.2925, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8339, 0.2619, 0.2604 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(179, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 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(179, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.8339, 0.2619, 0.2604 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(179, 195, 255) }
```

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

```
.border{ border-color:rgb(179, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8339, 0.2619, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 255) }
```

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

```
.background{ background-color: rgb(179,  
195, 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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