

Converting Colors

$Yxy(59.6488, 0.2816, 0.2855)$

Have a look what the booklet for
Yxy(59.6488, 0.2816, 0.2855)
contains.

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Color

Yxy(59.4746, 0.2820, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	C2C9EF
RGB	194, 201, 239
RGB Percent	76%, 79%, 94%
CMY	0.2390, 0.2118, 0.0627
CMYK	0.19, 0.16, 0.00, 0.06
HSL	231°, 58%, 85%
HSV	231°, 19%, 94%
XYZ	58.7249, 59.4746, 90.0449
YIQ	203.2390, -16.3700, 10.3340

Conversions

Conversions Part 2

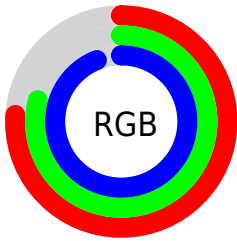
Format	Color
RYB	194, 200, 239
Decimal	12765679
CIELab	81.55, 5.38, -19.54
CIElCh	82, 20.262, 285.387
Yxy	59.4746, 0.2820, 0.2856
Android (android.graphics.Color)	4290955759 (0xFFC2C9EF)
YUV	203.2390, 17.6302, -8.1026
Hunter-Lab	77.1198, 0.9640, -15.2430

Details

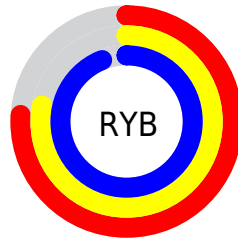
The Yxy color **59.4746, 0.2820, 0.2856** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9995, 0.3423, 0.3690**, and the grayscale version is **59.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.8618, 0.2742, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **47.7521, 0.2635, 0.2585**, and if you desaturate by 10%, it is **72.9507, 0.2991, 0.3099**.

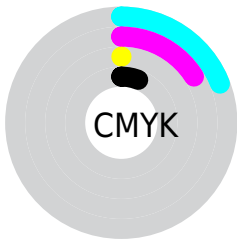
Distribution



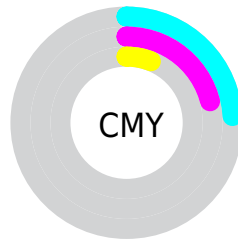
- Red (76%)
- Green (79%)
- Blue (94%)



- Red (76%)
- Yellow (78%)
- Blue (94%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4746, 0.2820, 0.2856 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 59.4746, 0.2820, 0.2856 by changing the saturation by 10% instead.

■ 59.4746, 0.2820,
0.2856

■ 59.4746, 0.2820,
0.2856

422.6584, 0.2967,
0.3060

■ 42.9953, 0.2785,
0.2809

■ 104.0671, 0.2872,
0.2927

■ 29.8814, 0.2742,
0.2750

132.9491, 0.2892,
0.2955

■ 19.7486, 0.2686,
0.2675

166.7342, 0.2909,
0.2979

■ 12.2124, 0.2612,
0.2577

205.8066, 0.2924,
0.2999

■ 6.8885, 0.2509,
0.2442

250.5509, 0.2936,
0.3017

■ 3.3925, 0.2356,
0.2247

301.3513, 0.2948,

■ 1.3399, 0.2109,

0.3033

0.1943

358.5924, 0.2958,
0.3047

0.1718, 0.1372,
0.0800

0.0000, 0.0000,
0.0000

59.4746, 0.2820,
0.2856

59.4746, 0.2820,
0.2856

47.7521, 0.2635,
0.2585

72.9507, 0.2991,
0.3099

37.7035, 0.2438,
0.2290

88.2410, 0.3145,
0.3314

29.2539, 0.2237,
0.1978

99.0120, 0.3220,
0.3444

22.3197, 0.2041,
0.1663

■ 16.8094, 0.1862,
0.1361

■ 12.6216, 0.1713,
0.1093

■ 9.6407, 0.1604,
0.0878

■ 7.7200, 0.1537,
0.0726

■ 7.5468, 0.1531,
0.0712

Harmonies

Analogous

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



59.4746, 0.2670, 0.2914



59.4746, 0.2820, 0.2856



59.4746, 0.3056, 0.2906

Triad

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



59.4746, 0.2820, 0.2856



59.4746, 0.3644, 0.3469



59.4746, 0.2925, 0.3551

Complementary

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



59.4746, 0.2820, 0.2856



79.9995, 0.3423, 0.3690

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.



59.4746, 0.3181, 0.3716



59.4746, 0.2820, 0.2856



59.4746, 0.3602, 0.3655

Square

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



59.4746, 0.2820, 0.2856



59.4746, 0.3540, 0.3250



59.4746, 0.3430, 0.3751



59.4746, 0.2728, 0.3311

Rectangle

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



59.4746, 0.2820, 0.2856



59.4746, 0.3234, 0.2992



59.4746, 0.3430, 0.3751



59.4746, 0.3006, 0.3618

Sweetspot

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



59.4770, 0.2820, 0.2856



89.2328, 0.3035, 0.3162



79.0081, 0.2886, 0.3372



18.8586, 0.3025, 0.3147



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.



59.4770, 0.2820, 0.2856



62.8554, 0.2742, 0.2743



58.4016, 0.2924, 0.2790



15.6223, 0.2980, 0.3084



4.2897, 0.1536, 0.0730



0.4744, 0.1592, 0.0932

Inverse Universe

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



61.1760, 0.3440, 0.3216



65.3249, 0.3531, 0.3198



81.4808, 0.3305, 0.3774



15.7986, 0.3269, 0.3254



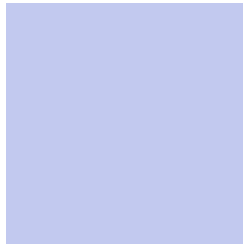
10.2264, 0.6184, 0.3180



0.8626, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 59.4746, 0.2820, 0.2856 looks on a white background.

Color Contrast Check

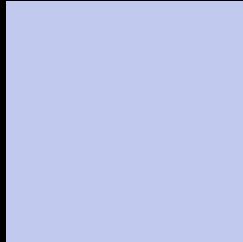
Large Text (above 18pt) WCAG AA × Fail

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 59.4746, 0.2820, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

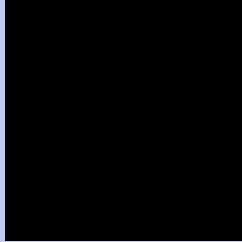
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4746, 0.2820, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 59.4746, 0.2820, 0.2856.



This preview shows how white text looks on a background with the Yxy color 59.4746, 0.2820, 0.2856.

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

59.4746, 0.2820, 0.2856

Protanopia

59.6074, 0.2827, 0.2857

Deuteranopia

59.5168, 0.2882, 0.2820



Tritanopia

59.4294, 0.2922, 0.3101

Trichromacy



Original Color

59.4746, 0.2820, 0.2856

Protanomaly

59.6074, 0.2827, 0.2857

Deuteranomaly

59.4175, 0.2854, 0.2828

Tritanomaly

59.4644, 0.2883, 0.3010

Monochromacy



Original Color

59.4746, 0.2820, 0.2856

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4783, 0.3014, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4746, 0.2820, 0.2856 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(194, 201, 239)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 239)  
}
```

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(194, 201, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 239) }
```

Border

The CSS property to change the border of an element to Yxy 59.4746, 0.2820, 0.2856 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(194, 201, 239) }
```

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

```
.border{ border-color:rgb(194, 201, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4746, 0.2820, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 239) }
```

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

```
.background{ background-color: rgb(194,  
201, 239) }
```

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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