

Converting Colors

$Y_{xy}(59.2893, 0.2754, 0.2671)$

Have a look what the booklet for
Yxy(59.2893, 0.2754, 0.2671)
contains.

Yxy(59.4858, 0.2759, 0.2681)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4858, 0.2759, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6FD
RGB	198, 198, 253
RGB Percent	78%, 78%, 99%
CMY	0.2234, 0.2235, 0.0079
CMYK	0.22, 0.22, 0.00, 0.01
HSL	240°, 93%, 88%
HSV	240°, 22%, 99%
XYZ	61.2165, 59.4858, 101.1769
YIQ	204.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

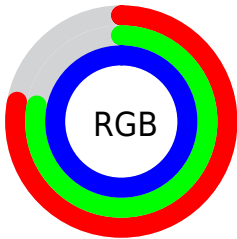
Format	Color
R _{YB}	198, 198, 253
Decimal	13027069
CIE _{Lab}	81.56, 11.29, -26.96
CIE _{LCh}	82, 29.231, 292.719
Yxy	59.4858, 0.2759, 0.2681
Android (android.graphics.Color)	4291217149 (0xFFC6C6FD)
YUV	204.2700, 24.0239, -5.4988
Hunter-Lab	77.1270, 6.7048, -23.7890

Details

The Yxy color **59.4858, 0.2759, 0.2681** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.1985, 0.3456, 0.3834**, and the grayscale version is **60.4203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.7717, 0.2664, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **45.7181, 0.2558, 0.2349**, and if you desaturate by 10%, it is **75.7634, 0.2941, 0.2982**.

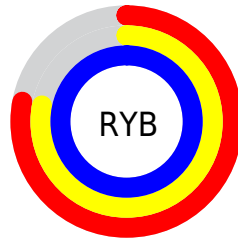
Distribution



Red (78%)

Green (78%)

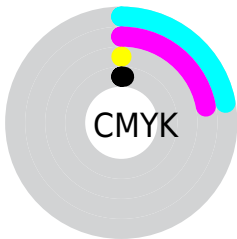
Blue (99%)



Red (78%)

Yellow (78%)

Blue (99%)

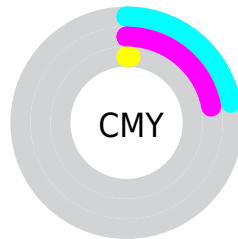


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4858, 0.2759, 0.2681 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 59.4858, 0.2759, 0.2681 by changing the saturation by 10% instead.

■ 59.4858, 0.2759,
0.2681

■ 59.4858, 0.2759,
0.2681

422.6998, 0.2936,
0.2963

■ 43.0043, 0.2717,
0.2617

104.0834, 0.2821,
0.2778

■ 29.8885, 0.2666,
0.2539

132.9683, 0.2845,
0.2816

■ 19.7540, 0.2599,
0.2440

166.7564, 0.2866,
0.2849

■ 12.2163, 0.2511,
0.2312

205.8322, 0.2883,
0.2878

■ 6.8912, 0.2390,
0.2141

250.5801, 0.2899,
0.2903

■ 3.3941, 0.2213,
0.1902

301.3844, 0.2913,

■ 1.3408, 0.1938,

0.2925

0.1552

358.6295, 0.2925,
0.2945

0.1725, 0.1389,
0.0545

0.0000, 0.0000,
0.0000

59.4858, 0.2759,
0.2681

59.4858, 0.2759,
0.2681

45.7181, 0.2558,
0.2349

75.7634, 0.2941,
0.2982

34.3288, 0.2344,
0.1995

94.6595, 0.3101,
0.3247

25.1853, 0.2127,
0.1635

99.8714, 0.3139,
0.3309

18.1393, 0.1921,
0.1295

■ 13.0245, 0.1744,
0.1002

■ 9.6495, 0.1611,
0.0783

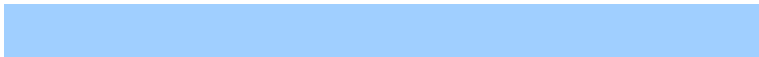
■ 7.7840, 0.1531,
0.0651

■ 7.0923, 0.1500,
0.0600

Harmonies

Analogous

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



59.4858, 0.2515, 0.2717



59.4858, 0.2759, 0.2681



59.4858, 0.3114, 0.2788

Triad

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



59.4858, 0.2759, 0.2681



59.4858, 0.3880, 0.3607



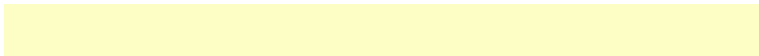
59.4858, 0.2754, 0.3590

Complementary

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



59.4858, 0.2759, 0.2681



95.1985, 0.3456, 0.3834

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.



59.4858, 0.3104, 0.3874



59.4858, 0.2759, 0.2681



59.4858, 0.3763, 0.3856

Square

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



59.4858, 0.2759, 0.2681



59.4858, 0.3781, 0.3301



59.4858, 0.3475, 0.3967



59.4858, 0.2511, 0.3223

Rectangle

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



59.4858, 0.2759, 0.2681



59.4858, 0.3371, 0.2925



59.4858, 0.3475, 0.3967



59.4858, 0.2862, 0.3701

Sweetspot

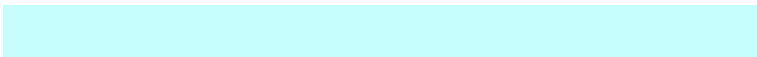
The Sweet Spot groups the original color and five complimentary colors.



59.4882, 0.2759, 0.2681



85.9074, 0.3019, 0.3112



89.3428, 0.2803, 0.3289



18.1411, 0.3010, 0.3096



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.



59.4882, 0.2759, 0.2681



54.2716, 0.2675, 0.2543



63.5658, 0.2951, 0.2714



17.3783, 0.2978, 0.3044



3.7733, 0.1500, 0.0600



0.3676, 0.1501, 0.0600

Inverse Universe

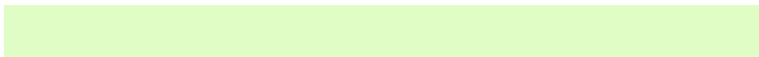
The Inverse Universe completely reimagines the original color for something new.



68.3578, 0.3153, 0.2748



64.7438, 0.3158, 0.2641



90.4103, 0.3273, 0.3867



18.3002, 0.3138, 0.3056



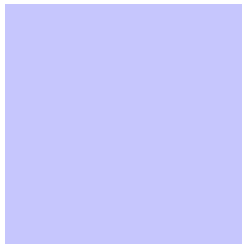
14.8766, 0.3211, 0.1542



1.4485, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 59.4858, 0.2759, 0.2681 looks on a white background.

Color Contrast Check

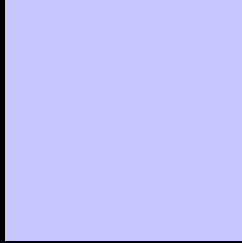
Large Text (above 18pt) WCAG AA × Fail

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 59.4858, 0.2759, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

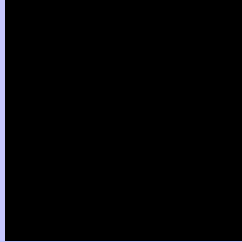
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4858, 0.2759, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 59.4858, 0.2759, 0.2681.

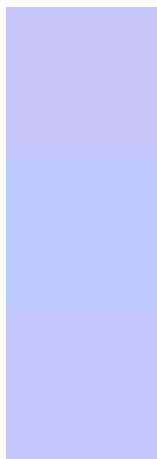


This preview shows how white text looks on a background with the Yxy color 59.4858, 0.2759, 0.2681.

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

59.4858, 0.2759, 0.2681

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

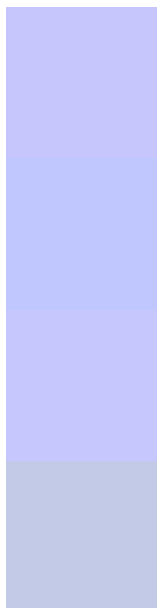
59.6745, 0.2746, 0.2690



Tritanopia

59.5595, 0.2929, 0.3101

Trichromacy



Original Color

59.4858, 0.2759, 0.2681

Protanomaly

59.2091, 0.2714, 0.2676

Deuteranomaly

59.8090, 0.2753, 0.2691

Tritanomaly

59.5366, 0.2864, 0.2944

Monochromacy



Original Color

59.4858, 0.2759, 0.2681

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0715, 0.2988, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4858, 0.2759, 0.2681 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(198, 198, 253)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 253)  
}
```

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(198, 198, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 253) }
```

Border

The CSS property to change the border of an element to Yxy 59.4858, 0.2759, 0.2681 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(198, 198, 253) }
```

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

```
.border{ border-color:rgb(198, 198, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 253);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4858, 0.2759, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 253) }
```

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

```
.background{ background-color: rgb(198,  
198, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor