

Converting Colors

$Y_{xy}(59.0980, 0.2776, 0.2720)$

Have a look what the booklet for
Yxy(59.0980, 0.2776, 0.2720)
contains.

Yxy(59.0980, 0.2776, 0.2720)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.0980, 0.2776, 0.2720)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6F9
RGB	197, 198, 249
RGB Percent	77%, 78%, 98%
CMY	0.2276, 0.2235, 0.0235
CMYK	0.21, 0.20, 0.00, 0.02
HSL	239°, 81%, 87%
HSV	239°, 21%, 98%
XYZ	60.3147, 59.0980, 97.8593
YIQ	203.5150, -16.9670, 15.6490

Conversions

Conversions Part 2

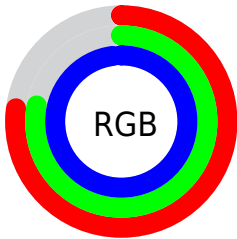
Format	Color
R _Y B	197, 198, 249
Decimal	12961529
CIE Lab	81.35, 10.07, -25.17
CIE LCh	81, 27.113, 291.812
Yxy	59.0980, 0.2776, 0.2720
Android (android.graphics.Color)	4291151609 (0xFFC5C6F9)
YUV	203.5150, 22.4241, -5.7137
Hunter-Lab	76.8752, 5.5158, -21.6613

Details

The Yxy color **59.0980, 0.2776, 0.2720** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.2914, 0.3445, 0.3803**, and the grayscale version is **59.9252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **29.5031, 0.2686, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **45.7393, 0.2578, 0.2397**, and if you desaturate by 10%, it is **74.8142, 0.2955, 0.3011**.

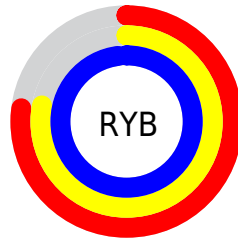
Distribution



Red (77%)

Green (78%)

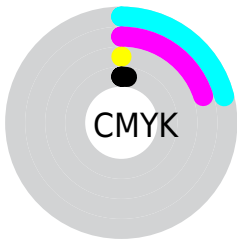
Blue (98%)



Red (77%)

Yellow (78%)

Blue (98%)

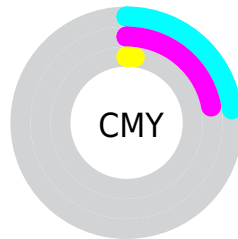


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0980, 0.2776, 0.2720 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 59.0980, 0.2776, 0.2720 by changing the saturation by 10% instead.

■ 59.0980, 0.2776,
0.2720

■ 59.0980, 0.2776,
0.2720

421.2650, 0.2945,
0.2985

■ 42.6920, 0.2736,
0.2660

103.5201, 0.2836,
0.2812

■ 29.6435, 0.2687,
0.2585

132.3050, 0.2858,
0.2848

■ 19.5682, 0.2623,
0.2491

165.9849, 0.2878,
0.2878

■ 12.0815, 0.2538,
0.2369

204.9444, 0.2895,
0.2905

■ 6.7992, 0.2421,
0.2204

249.5677, 0.2910,
0.2929

■ 3.3369, 0.2249,
0.1972

300.2394, 0.2923,

■ 1.3100, 0.1978,

0.2950

0.1627

357.3436, 0.2934,
0.2968

0.1489, 0.1379,
0.0530

0.0000, 0.0000,
0.0000

59.0980, 0.2776,
0.2720

59.0980, 0.2776,
0.2720

45.7393, 0.2578,
0.2397

74.8142, 0.2955,
0.3011

34.6178, 0.2367,
0.2051

92.9862, 0.3114,
0.3269

25.6133, 0.2151,
0.1697

99.6203, 0.3162,
0.3347

18.5915, 0.1945,
0.1356

■ 13.4030, 0.1765,
0.1057

■ 9.8769, 0.1627,
0.0824

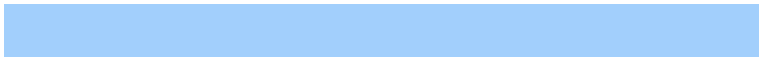
■ 7.8105, 0.1540,
0.0674

■ 6.9480, 0.1503,
0.0609

Harmonies

Analogous

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



59.0980, 0.2551, 0.2760



59.0980, 0.2776, 0.2720



59.0980, 0.3105, 0.2816

Triad

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



59.0980, 0.2776, 0.2720



59.0980, 0.3827, 0.3580



59.0980, 0.2789, 0.3578

Complementary

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



59.0980, 0.2776, 0.2720



91.2914, 0.3445, 0.3803

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.



59.0980, 0.3118, 0.3836



59.0980, 0.2776, 0.2720



59.0980, 0.3725, 0.3813

Square

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



59.0980, 0.2776, 0.2720



59.0980, 0.3728, 0.3293



59.0980, 0.3462, 0.3918



59.0980, 0.2558, 0.3240

Rectangle

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



59.0980, 0.2776, 0.2720



59.0980, 0.3344, 0.2943



59.0980, 0.3462, 0.3918



59.0980, 0.2891, 0.3679

Sweetspot

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



59.1004, 0.2776, 0.2720



88.0158, 0.3035, 0.3141



86.3581, 0.2824, 0.3308



18.5722, 0.3025, 0.3125



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.



59.1004, 0.2776, 0.2720



56.2569, 0.2696, 0.2590



62.1739, 0.2947, 0.2736



16.6984, 0.2979, 0.3049



3.7427, 0.1504, 0.0612



0.3655, 0.1512, 0.0642

Inverse Universe

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



64.1405, 0.3540, 0.3280



62.4596, 0.3648, 0.3278



87.7525, 0.3279, 0.3841



17.2308, 0.3291, 0.3286



10.7887, 0.6380, 0.3288



1.0011, 0.6330, 0.3261

Previews

White Background



This preview shows how the Yxy color 59.0980, 0.2776, 0.2720 looks on a white background.

Color Contrast Check

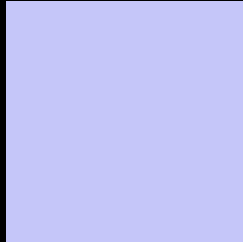
Large Text (above 18pt) WCAG AA × Fail

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 59.0980, 0.2776, 0.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

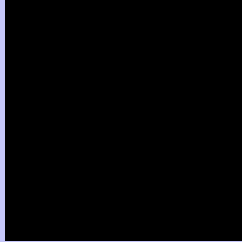
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0980, 0.2776, 0.2720

Background



This preview shows how black text looks on a background with the Yxy color 59.0980, 0.2776, 0.2720.



This preview shows how white text looks on a background with the Yxy color 59.0980, 0.2776, 0.2720.

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

59.0980, 0.2776, 0.2720

Protanopia

59.1578, 0.2725, 0.2726

Deuteranopia

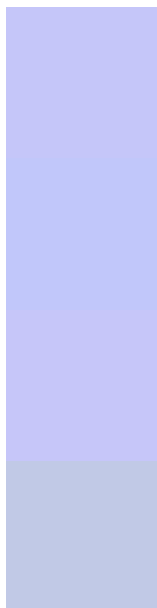
59.2335, 0.2783, 0.2721



Tritanopia

58.9027, 0.2928, 0.3100

Trichromacy



Original Color

59.0980, 0.2776, 0.2720

Protanomaly

59.0864, 0.2744, 0.2717

Deuteranomaly

59.2335, 0.2783, 0.2721

Tritanomaly

58.8239, 0.2870, 0.2953

Monochromacy



Original Color

59.0980, 0.2776, 0.2720

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8259, 0.2994, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0980, 0.2776, 0.2720 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(197, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 249)  
}
```

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(197, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 249) }
```

Border

The CSS property to change the border of an element to Yxy 59.0980, 0.2776, 0.2720 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(197, 198, 249) }
```

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

```
.border{ border-color:rgb(197, 198, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 249);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0980, 0.2776, 0.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 249) }
```

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

```
.background{ background-color: rgb(197,  
198, 249) }
```

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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