

Converting Colors

Yxy(59.8680, 0.2870, 0.2899)

Have a look what the booklet for
Yxy(59.8680, 0.2870, 0.2899)
contains.

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Color

Yxy(59.7772, 0.2873, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	C6C9EB
RGB	198, 201, 235
RGB Percent	78%, 79%, 92%
CMY	0.2234, 0.2118, 0.0784
CMYK	0.16, 0.14, 0.00, 0.08
HSL	235°, 48%, 85%
HSV	235°, 16%, 92%
XYZ	59.1798, 59.7772, 87.0292
YIQ	203.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

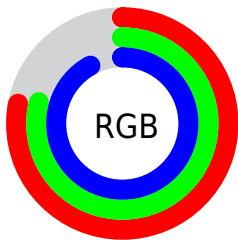
Format	Color
R _Y B	198, 201, 235
Decimal	13027819
CIE Lab	81.72, 5.76, -17.13
CIE LCh	82, 18.074, 288.587
Yxy	59.7772, 0.2873, 0.2902
Android (android.graphics.Color)	4291217899 (0xFFC6C9EB)
YUV	203.9790, 15.2934, -5.2436
Hunter-Lab	77.3157, 1.3269, -12.6178

Details

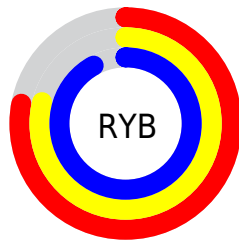
The Yxy color **59.7772, 0.2873, 0.2902** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4943, 0.3368, 0.3651**, and the grayscale version is **60.2822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0514, 0.2811, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **47.4470, 0.2688, 0.2615**, and if you desaturate by 10%, it is **74.0272, 0.3040, 0.3158**.

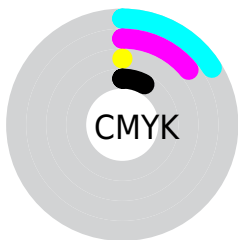
Distribution



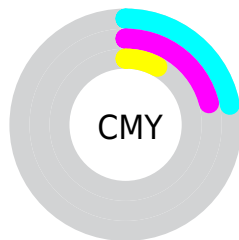
- Red (78%)
- Green (79%)
- Blue (92%)



- Red (78%)
- Yellow (79%)
- Blue (92%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7772, 0.2873, 0.2902 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 59.7772, 0.2873, 0.2902 by changing the saturation by 10% instead.

■ 59.7772, 0.2873,
0.2902

■ 59.7772, 0.2873,
0.2902

423.7761, 0.2995,
0.3085

■ 43.2391, 0.2844,
0.2860

104.5064, 0.2916,
0.2966

■ 30.0727, 0.2808,
0.2807

133.4663, 0.2933,
0.2991

■ 19.8938, 0.2761,
0.2740

167.3355, 0.2947,
0.3012

■ 12.3179, 0.2699,
0.2651

206.4985, 0.2959,
0.3030

■ 6.9606, 0.2612,
0.2530

251.3397, 0.2970,
0.3046

■ 3.4374, 0.2482,
0.2352

302.2434, 0.2979,

■ 1.3641, 0.2269,

0.3061

0.2073

359.5940, 0.2987,
0.3073

0.1901, 0.1617,
0.0957

0.0000, 0.0000,
0.0000

59.7772, 0.2873,
0.2902

59.7772, 0.2873,
0.2902

47.4470, 0.2688,
0.2615

74.0272, 0.3040,
0.3158

36.9475, 0.2489,
0.2302

90.2664, 0.3188,
0.3382

28.1934, 0.2280,
0.1969

98.7792, 0.3244,
0.3483

21.0899, 0.2074,
0.1633

■ 15.5331, 0.1882,
0.1314

■ 11.4071, 0.1720,
0.1035

■ 8.5798, 0.1601,
0.0819

■ 6.8940, 0.1530,
0.0679

■ 6.4571, 0.1512,
0.0641

Harmonies

Analogous

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



59.7772, 0.2728, 0.2944



59.7772, 0.2873, 0.2902



59.7772, 0.3090, 0.2956

Triad

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



59.7772, 0.2873, 0.2902



59.7772, 0.3589, 0.3472



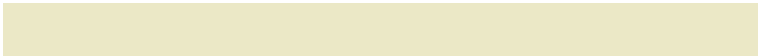
59.7772, 0.2925, 0.3501

Complementary

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



59.7772, 0.2873, 0.2902



79.4943, 0.3368, 0.3651

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.



59.7772, 0.3151, 0.3657



59.7772, 0.2873, 0.2902



59.7772, 0.3539, 0.3630

Square

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



59.7772, 0.2873, 0.2902



59.7772, 0.3510, 0.3276



59.7772, 0.3376, 0.3702



59.7772, 0.2757, 0.3286

Rectangle

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



59.7772, 0.2873, 0.2902



59.7772, 0.3248, 0.3039



59.7772, 0.3376, 0.3702



59.7772, 0.2996, 0.3563

Sweetspot

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



59.7797, 0.2873, 0.2902



90.4033, 0.3051, 0.3175



77.2607, 0.2906, 0.3323



19.0718, 0.3040, 0.3158



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.



59.7797, 0.2873, 0.2902



66.7210, 0.2813, 0.2809



60.6182, 0.2984, 0.2881



14.7421, 0.2980, 0.3066



3.6648, 0.1515, 0.0652



0.3550, 0.1551, 0.0785

Inverse Universe

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



62.2878, 0.3401, 0.3259



70.3420, 0.3473, 0.3252



78.6610, 0.3255, 0.3694



15.0736, 0.3280, 0.3272



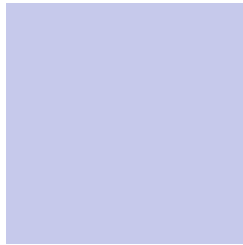
9.8628, 0.6312, 0.3251



0.7812, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 59.7772, 0.2873, 0.2902 looks on a white background.

Color Contrast Check

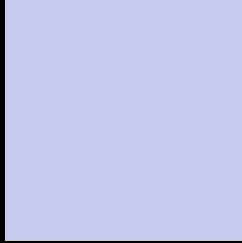
Large Text (above 18pt) WCAG AA × Fail

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 59.7772, 0.2873, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

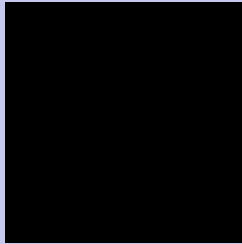
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7772, 0.2873, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 59.7772, 0.2873, 0.2902.



This preview shows how white text looks on a background with the Yxy color 59.7772, 0.2873, 0.2902.

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

59.7772, 0.2873, 0.2902

Protanopia

59.6418, 0.2866, 0.2902

Deuteranopia

59.7097, 0.2930, 0.2865



Tritanopia

59.9551, 0.2950, 0.3102

Trichromacy



Original Color

59.7772, 0.2873, 0.2902

Protanomaly

59.6418, 0.2866, 0.2902

Deuteranomaly

59.7403, 0.2908, 0.2873

Tritanomaly

59.8839, 0.2924, 0.3034

Monochromacy



Original Color

59.7772, 0.2873, 0.2902

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1747, 0.3035, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7772, 0.2873, 0.2902 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, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 235)  
}
```

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, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.7772, 0.2873, 0.2902 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, 201, 235) }
```

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

```
.border{ border-color:rgb(198, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 201,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7772, 0.2873, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 235) }
```

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

```
.background{ background-color: rgb(198,  
201, 235) }
```

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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