

Converting Colors

$Yxy(60.2602, 0.2824, 0.2857)$

Have a look what the booklet for
Yxy(60.2602, 0.2824, 0.2857)
contains.

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Color

Yxy(60.2681, 0.2828, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	C4CAF0
RGB	196, 202, 240
RGB Percent	77%, 79%, 94%
CMY	0.2313, 0.2078, 0.0589
CMYK	0.18, 0.16, 0.00, 0.06
HSL	232°, 59%, 85%
HSV	232°, 18%, 94%
XYZ	59.6146, 60.2681, 90.9186
YIQ	204.5380, -15.7740, 10.5460

Conversions

Conversions Part 2

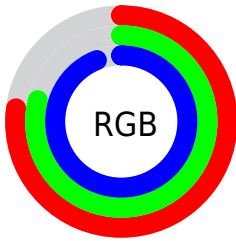
Format	Color
R _Y B	196, 201, 240
Decimal	12897008
CIE Lab	81.98, 5.65, -19.40
CIE LCh	82, 20.203, 286.252
Yxy	60.2681, 0.2828, 0.2859
Android (android.graphics.Color)	4291087088 (0xFFC4CAF0)
YUV	204.5380, 17.4828, -7.4878
Hunter-Lab	77.6325, 1.2146, -15.0942

Details

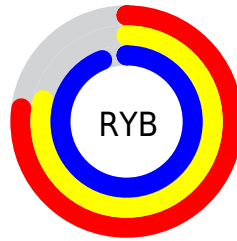
The Yxy color **60.2681, 0.2828, 0.2859** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3557, 0.3414, 0.3687**, and the grayscale version is **60.6388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.3913, 0.2753, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **48.2212, 0.2642, 0.2583**, and if you desaturate by 10%, it is **74.1416, 0.2998, 0.3106**.

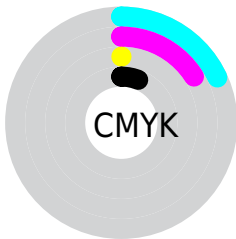
Distribution



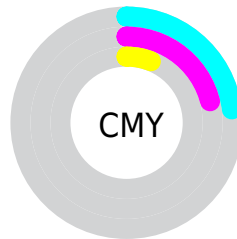
- Red (77%)
- Green (79%)
- Blue (94%)



- Red (77%)
- Yellow (79%)
- Blue (94%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2681, 0.2828, 0.2859 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 60.2681, 0.2828, 0.2859 by changing the saturation by 10% instead.

■ 60.2681, 0.2828,
0.2859

■ 60.2681, 0.2828,
0.2859

425.5853, 0.2971,
0.3061

■ 43.6348, 0.2794,
0.2812

105.2185, 0.2878,
0.2930

■ 30.3835, 0.2752,
0.2754

134.3043, 0.2898,
0.2957

■ 20.1298, 0.2698,
0.2681

168.3098, 0.2914,
0.2980

■ 12.4895, 0.2627,
0.2584

207.6193, 0.2929,
0.3001

■ 7.0779, 0.2527,
0.2452

252.6172, 0.2941,
0.3019

■ 3.5109, 0.2379,
0.2261

303.6879, 0.2952,

■ 1.4039, 0.2142,

0.3034

0.1964

361.2158, 0.2962,
0.3049

0.2196, 0.1502,
0.0951

0.0000, 0.0000,
0.0000

60.2681, 0.2828,
0.2859

60.2681, 0.2828,
0.2859

48.2212, 0.2642,
0.2583

74.1416, 0.2998,
0.3106

37.9172, 0.2444,
0.2282

89.9060, 0.3152,
0.3325

29.2772, 0.2241,
0.1965

99.0706, 0.3215,
0.3434

22.2130, 0.2043,
0.1645

■ 16.6281, 0.1861,
0.1339

■ 12.4153, 0.1710,
0.1070

■ 9.4524, 0.1599,
0.0856

■ 7.5874, 0.1533,
0.0709

■ 7.3603, 0.1525,
0.0690

Harmonies

Analogous

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



60.2681, 0.2676, 0.2913



60.2681, 0.2828, 0.2859



60.2681, 0.3064, 0.2912

Triad

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



60.2681, 0.2828, 0.2859



60.2681, 0.3641, 0.3474



60.2681, 0.2919, 0.3543

Complementary

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



60.2681, 0.2828, 0.2859



81.3557, 0.3414, 0.3687

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.



60.2681, 0.3173, 0.3710



60.2681, 0.2828, 0.2859



60.2681, 0.3595, 0.3656

Square

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



60.2681, 0.2828, 0.2859



60.2681, 0.3542, 0.3257



60.2681, 0.3421, 0.3748



60.2681, 0.2727, 0.3303

Rectangle

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



60.2681, 0.2828, 0.2859



60.2681, 0.3241, 0.2999



60.2681, 0.3421, 0.3748



60.2681, 0.3000, 0.3610

Sweetspot

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



60.2706, 0.2828, 0.2859



90.8344, 0.3051, 0.3182



79.9566, 0.2888, 0.3362



19.1761, 0.3040, 0.3166



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.



60.2706, 0.2828, 0.2859



63.7505, 0.2760, 0.2759



59.6864, 0.2935, 0.2805



15.5757, 0.2980, 0.3079



4.1391, 0.1530, 0.0707



0.4523, 0.1582, 0.0896

Inverse Universe

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



62.2744, 0.3437, 0.3226



66.5433, 0.3517, 0.3213



82.2423, 0.3296, 0.3762



15.7939, 0.3272, 0.3258



10.2112, 0.6221, 0.3201



0.8604, 0.5919, 0.3034

Previews

White Background



This preview shows how the Yxy color 60.2681, 0.2828, 0.2859 looks on a white background.

Color Contrast Check

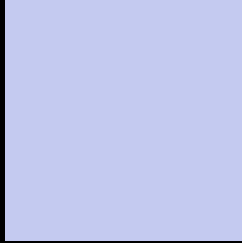
Large Text (above 18pt) WCAG AA × Fail

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 60.2681, 0.2828, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

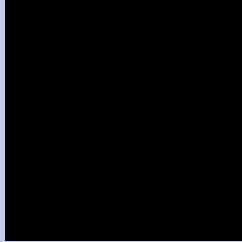
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2681, 0.2828, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 60.2681, 0.2828, 0.2859.



This preview shows how white text looks on a background with the Yxy color 60.2681, 0.2828, 0.2859.

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

60.2681, 0.2828, 0.2859

Protanopia

60.2681, 0.2828, 0.2859

Deuteranopia

60.3195, 0.2890, 0.2823



Tritanopia

60.2206, 0.2930, 0.3102

Trichromacy



Original Color

60.2681, 0.2828, 0.2859

Protanomaly

60.2681, 0.2828, 0.2859

Deuteranomaly

60.2160, 0.2862, 0.2831

Tritanomaly

60.2565, 0.2891, 0.3012

Monochromacy



Original Color

60.2681, 0.2828, 0.2859

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8042, 0.3015, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2681, 0.2828, 0.2859 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(196, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 240)  
}
```

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(196, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 240) }
```

Border

The CSS property to change the border of an element to Yxy 60.2681, 0.2828, 0.2859 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(196, 202, 240) }
```

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

```
.border{ border-color:rgb(196, 202, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 240);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2681, 0.2828, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 240) }
```

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

```
.background{ background-color: rgb(196,  
202, 240) }
```

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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