

Converting Colors

$Yxy(60.9480, 0.2808, 0.2820)$

Have a look what the booklet for
Yxy(60.9480, 0.2808, 0.2820)
contains.

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Color

Yxy(61.1138, 0.2811, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	C5CBF4
RGB	197, 203, 244
RGB Percent	77%, 80%, 96%
CMY	0.2272, 0.2040, 0.0431
CMYK	0.19, 0.17, 0.00, 0.04
HSL	232°, 68%, 86%
HSV	232°, 19%, 96%
XYZ	60.7250, 61.1138, 94.1874
YIQ	205.8800, -16.7370, 11.4790

Conversions

Conversions Part 2

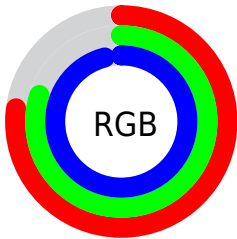
Format	Color
R _Y B	197, 202, 244
Decimal	12962804
CIE Lab	82.44, 6.33, -20.84
CIE LCh	82, 21.780, 286.893
Yxy	61.1138, 0.2811, 0.2829
Android (android.graphics.Color)	4291152884 (0xFFC5CBF4)
YUV	205.8800, 18.7932, -7.7878
Hunter-Lab	78.1753, 1.8483, -16.7112

Details

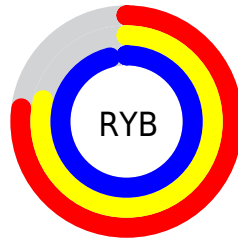
The Yxy color **61.1138, 0.2811, 0.2829** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.4721, 0.3428, 0.3713**, and the grayscale version is **61.5341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.9654, 0.2732, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **48.6945, 0.2623, 0.2547**, and if you desaturate by 10%, it is **75.4568, 0.2983, 0.3082**.

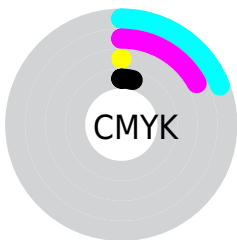
Distribution



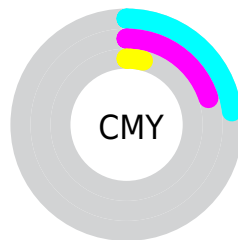
- Red (77%)
- Green (80%)
- Blue (96%)



- Red (77%)
- Yellow (79%)
- Blue (96%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1138, 0.2811, 0.2829 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 61.1138, 0.2811, 0.2829 by changing the saturation by 10% instead.

■ 61.1138, 0.2811,
0.2829

■ 61.1138, 0.2811,
0.2829

428.6911, 0.2962,
0.3044

■ 44.3170, 0.2776,
0.2780

106.4437, 0.2864,
0.2904

■ 30.9198, 0.2732,
0.2718

135.7456, 0.2884,
0.2933

■ 20.5378, 0.2675,
0.2641

169.9846, 0.2902,
0.2958

■ 12.7866, 0.2600,
0.2540

209.5453, 0.2917,
0.2980

■ 7.2817, 0.2497,
0.2402

254.8118, 0.2930,
0.2999

■ 3.6389, 0.2345,
0.2204

306.1687, 0.2942,

■ 1.4737, 0.2103,

0.3016

0.1903

364.0004, 0.2952,
0.3031

0.2701, 0.1543,
0.1013

0.0000, 0.0000,
0.0000

61.1138, 0.2811,
0.2829

61.1138, 0.2811,
0.2829

48.6945, 0.2623,
0.2547

75.4568, 0.2983,
0.3082

38.1096, 0.2423,
0.2240

91.7929, 0.3138,
0.3306

29.2738, 0.2219,
0.1918

99.3120, 0.3191,
0.3395

22.0922, 0.2020,
0.1596

■ 16.4605, 0.1840,
0.1292

■ 12.2626, 0.1692,
0.1027

■ 9.3654, 0.1587,
0.0822

■ 7.5972, 0.1526,
0.0687

■ 7.4984, 0.1522,
0.0679

Harmonies

Analogous

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



61.1138, 0.2646, 0.2884



61.1138, 0.2811, 0.2829



61.1138, 0.3065, 0.2888

Triad

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



61.1138, 0.2811, 0.2829



61.1138, 0.3680, 0.3491



61.1138, 0.2899, 0.3557

Complementary

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



61.1138, 0.2811, 0.2829



84.4721, 0.3428, 0.3713

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.



61.1138, 0.3169, 0.3739



61.1138, 0.2811, 0.2829



61.1138, 0.3626, 0.3685

Square

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



61.1138, 0.2811, 0.2829



61.1138, 0.3576, 0.3258



61.1138, 0.3437, 0.3783



61.1138, 0.2695, 0.3298

Rectangle

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



61.1138, 0.2811, 0.2829



61.1138, 0.3255, 0.2982



61.1138, 0.3437, 0.3783



61.1138, 0.2985, 0.3630

Sweetspot

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



61.1163, 0.2811, 0.2829



88.9755, 0.3035, 0.3158



82.7432, 0.2872, 0.3357



18.7980, 0.3025, 0.3143



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.



61.1163, 0.2811, 0.2829



62.0643, 0.2741, 0.2725



60.8353, 0.2929, 0.2779



16.2630, 0.2979, 0.3076



4.1824, 0.1526, 0.0694



0.4725, 0.1573, 0.0864

Inverse Universe

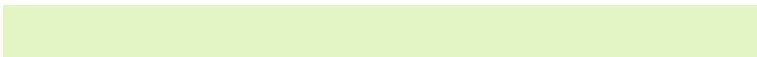
The Inverse Universe completely reimagines the original color for something new.



63.5101, 0.3460, 0.3228



65.2450, 0.3544, 0.3215



85.0374, 0.3299, 0.3788



16.5165, 0.3274, 0.3260



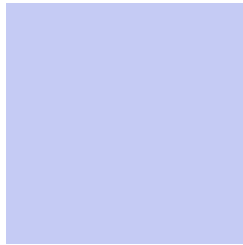
10.5216, 0.6242, 0.3212



0.9353, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 61.1138, 0.2811, 0.2829 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 61.1138, 0.2811, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

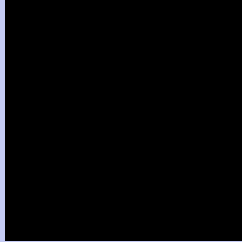
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1138, 0.2811, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 61.1138, 0.2811, 0.2829.



This preview shows how white text looks on a background with the Yxy color 61.1138, 0.2811, 0.2829.

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

61.1138, 0.2811, 0.2829

Protanopia

60.9793, 0.2804, 0.2828

Deuteranopia

60.8803, 0.2858, 0.2792



Tritanopia

61.2908, 0.2917, 0.3103

Trichromacy



Original Color

61.1138, 0.2811, 0.2829

Protanomaly

60.9793, 0.2804, 0.2828

Deuteranomaly

60.9224, 0.2837, 0.2801

Tritanomaly

61.3815, 0.2873, 0.3002

Monochromacy



Original Color

61.1138, 0.2811, 0.2829

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5265, 0.3009, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1138, 0.2811, 0.2829 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, 203, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 244)  
}
```

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, 203, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 244) }
```

Border

The CSS property to change the border of an element to Yxy 61.1138, 0.2811, 0.2829 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, 203, 244) }
```

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

```
.border{ border-color:rgb(197, 203, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1138, 0.2811, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 244) }
```

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

```
.background{ background-color: rgb(197,  
203, 244) }
```

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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