

Converting Colors

$Yxy(57.0033, 0.2888, 0.2928)$

Have a look what the booklet for
Yxy(57.0033, 0.2888, 0.2928)
contains.

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Color

Yxy(57.0033, 0.2888, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	C2C5E4
RGB	194, 197, 228
RGB Percent	76%, 77%, 89%
CMY	0.2391, 0.2275, 0.1058
CMYK	0.15, 0.14, 0.00, 0.11
HSL	235°, 39%, 83%
HSV	235°, 15%, 89%
XYZ	56.2246, 57.0033, 81.4555
YIQ	199.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

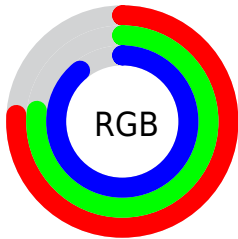
Format	Color
RYB	194, 197, 228
Decimal	12764644
CIELab	80.18, 5.15, -15.73
CIELCh	80, 16.550, 288.133
Yxy	57.0033, 0.2888, 0.2928
Android (android.graphics.Color)	4290954724 (0xFFC2C5E4)
YUV	199.6370, 13.9830, -4.9436
Hunter-Lab	75.5005, 0.8014, -11.1161

Details

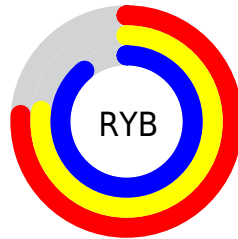
The Yxy color **57.0033, 0.2888, 0.2928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2729, 0.3355, 0.3628**, and the grayscale version is **57.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6129, 0.3103, 0.3280**, and **28.2375, 0.2820, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **45.4094, 0.2705, 0.2647**, and if you desaturate by 10%, it is **70.3692, 0.3053, 0.3178**.

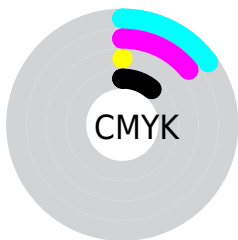
Distribution



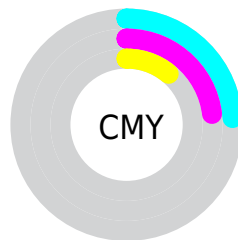
- Red (76%)
- Green (77%)
- Blue (89%)



- Red (76%)
- Yellow (77%)
- Blue (89%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0033, 0.2888, 0.2928 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 57.0033, 0.2888, 0.2928 by changing the saturation by 10% instead.

■ 57.0033, 0.2888,
0.2928

■ 57.0033, 0.2888,
0.2928

■ 413.4617, 0.3004,
0.3100

■ 41.0079, 0.2860,
0.2888

■ 100.4700, 0.2929,
0.2989

■ 28.3252, 0.2826,
0.2837

■ 128.7101, 0.2945,
0.3012

■ 18.5710, 0.2780,
0.2772

■ 161.8005, 0.2958,
0.3032

■ 11.3607, 0.2720,
0.2686

■ 200.1257, 0.2970,
0.3049

■ 6.3100, 0.2634,
0.2567

■ 244.0700, 0.2980,
0.3064

■ 3.0345, 0.2503,
0.2389

■ 294.0178, 0.2989,

■ 1.1498, 0.2285,

0.3078

0.2102

350.3536, 0.2997,
0.3089

0.0201, 0.1118,
0.0155

0.0000, 0.0000,
0.0000

57.0033, 0.2888,
0.2928

57.0033, 0.2888,
0.2928

45.4094, 0.2705,
0.2647

70.3692, 0.3053,
0.3178

35.5064, 0.2508,
0.2338

85.5699, 0.3199,
0.3398

27.2171, 0.2301,
0.2010

98.3828, 0.3285,
0.3552

20.4559, 0.2095,
0.1676

■ 15.1288, 0.1902,
0.1356

■ 11.1319, 0.1738,
0.1073

■ 8.3467, 0.1613,
0.0848

■ 6.6335, 0.1537,
0.0697

■ 6.1009, 0.1513,
0.0648

Harmonies

Analogous

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



57.0033, 0.2754, 0.2970



57.0033, 0.2888, 0.2928



57.0033, 0.3090, 0.2977

Triad

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



57.0033, 0.2888, 0.2928



57.0033, 0.3556, 0.3458



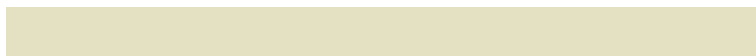
57.0033, 0.2942, 0.3489

Complementary

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



57.0033, 0.2888, 0.2928



74.2729, 0.3355, 0.3628

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.



57.0033, 0.3153, 0.3632



57.0033, 0.2888, 0.2928



57.0033, 0.3511, 0.3605

Square

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



57.0033, 0.2888, 0.2928



57.0033, 0.3481, 0.3275



57.0033, 0.3362, 0.3672



57.0033, 0.2784, 0.3290

Rectangle

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



57.0033, 0.2888, 0.2928



57.0033, 0.3237, 0.3054



57.0033, 0.3362, 0.3672



57.0033, 0.3009, 0.3545

Sweetspot

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



57.0057, 0.2888, 0.2928



92.3207, 0.3067, 0.3199



72.3888, 0.2921, 0.3328



19.4605, 0.3055, 0.3181



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.



57.0057, 0.2888, 0.2928



68.4353, 0.2831, 0.2841



57.5520, 0.2988, 0.2904



14.0886, 0.2980, 0.3068



3.5935, 0.1517, 0.0659



0.3358, 0.1559, 0.0810

Inverse Universe

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



59.1228, 0.3382, 0.3257



71.7199, 0.3448, 0.3250



73.7567, 0.3252, 0.3670



14.3883, 0.3279, 0.3270



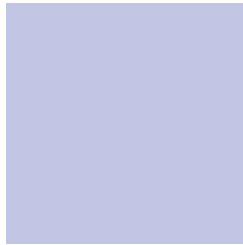
9.5605, 0.6300, 0.3244



0.7136, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 57.0033, 0.2888, 0.2928 looks on a white background.

Color Contrast Check

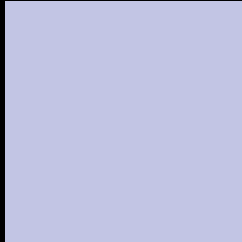
Large Text (above 18pt) WCAG AA × Fail

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 57.0033, 0.2888, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

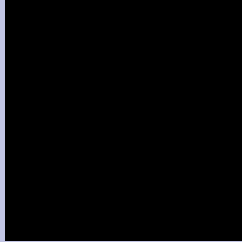
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0033, 0.2888, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 57.0033, 0.2888, 0.2928.



This preview shows how white text looks on a background with the Yxy color 57.0033, 0.2888, 0.2928.

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

57.0033, 0.2888, 0.2928

Protanopia

56.8714, 0.2881, 0.2928

Deuteranopia

57.0781, 0.2954, 0.2890



Tritanopia

56.9596, 0.2961, 0.3099

Trichromacy



Original Color

57.0033, 0.2888, 0.2928

Protanomaly

56.8714, 0.2881, 0.2928

Deuteranomaly

56.9667, 0.2924, 0.2898

Tritanomaly

56.8929, 0.2934, 0.3030

Monochromacy



Original Color

57.0033, 0.2888, 0.2928

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5058, 0.3041, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0033, 0.2888, 0.2928 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(194, 197, 228)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 228)  
}
```

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(194, 197, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.0033, 0.2888, 0.2928 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(194, 197, 228) }
```

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

```
.border{ border-color:rgb(194, 197, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 228);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0033, 0.2888, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 228) }
```

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

```
.background{ background-color: rgb(194,  
197, 228) }
```

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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