

Converting Colors

$Y_{xy}(58.0880, 0.2913, 0.2948)$

Have a look what the booklet for
Yxy(58.0880, 0.2913, 0.2948)
contains.

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Color

Yxy(57.8599, 0.2910, 0.2943)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C5C6E4 |
| RGB | 197, 198, 228 |
| RGB Percent | 77%, 78%, 89% |
| CMY | 0.2276, 0.2234, 0.1060 |
| CMYK | 0.14, 0.13, 0.00, 0.11 |
| HSL | 238°, 36%, 83% |
| HSV | 238°, 14%, 89% |
| XYZ | 57.2111, 57.8599, 81.5308 |
| YIQ | 201.1210, -10.2260, 9.1180 |

Conversions

Conversions Part 2

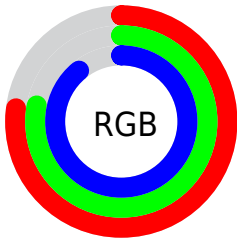
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 197, 198, 228 |
| Decimal | 12961508 |
| CIE Lab | 80.66, 5.53, -14.96 |
| CIE LCh | 81, 15.946, 290.273 |
| Yxy | 57.8599, 0.2910, 0.2943 |
| Android (android.graphics.Color) | 4291151588 (0xFFC5C6E4) |
| YUV | 201.1210, 13.2513, -3.6141 |
| Hunter-Lab | 76.0657, 1.1398, -10.3038 |

Details

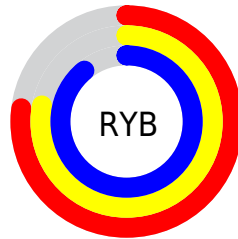
The Yxy color **57.8599, 0.2910, 0.2943** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.4047, 0.3332, 0.3615**, and the grayscale version is **58.4054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **28.8033, 0.2850, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **45.6711, 0.2727, 0.2649**, and if you desaturate by 10%, it is **71.9813, 0.3073, 0.3204**.

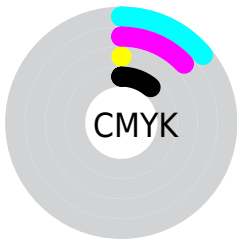
Distribution



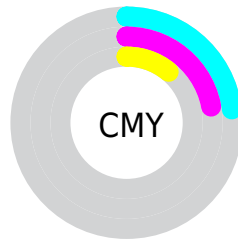
- Red (77%)
- Green (78%)
- Blue (89%)



- Red (77%)
- Yellow (78%)
- Blue (89%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8599, 0.2910, 0.2943 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 57.8599, 0.2910, 0.2943 by changing the saturation by 10% instead.

■ 57.8599, 0.2910,
0.2943

■ 57.8599, 0.2910,
0.2943

416.6637, 0.3015,
0.3108

■ 41.6960, 0.2885,
0.2904

101.7188, 0.2947,
0.3001

■ 28.8633, 0.2853,
0.2856

130.1826, 0.2961,
0.3023

■ 18.9775, 0.2813,
0.2795

163.5152, 0.2974,
0.3042

■ 11.6540, 0.2758,
0.2713

202.1010, 0.2984,
0.3059

■ 6.5085, 0.2680,
0.2599

246.3244, 0.2993,
0.3073

■ 3.1567, 0.2562,
0.2431

296.5696, 0.3001,

■ 1.2141, 0.2364,

0.3086

0.2160

353.2213, 0.3008,
0.3097

0.0732, 0.1448,
0.0518

0.0000, 0.0000,
0.0000

57.8599, 0.2910,
0.2943

57.8599, 0.2910,
0.2943

45.6711, 0.2727,
0.2649

71.9813, 0.3073,
0.3204

35.3241, 0.2527,
0.2326

88.1065, 0.3217,
0.3432

26.7313, 0.2316,
0.1982

98.3799, 0.3286,
0.3552

19.7957, 0.2104,
0.1634

■ 14.4104, 0.1905,
0.1304

■ 10.4563, 0.1734,
0.1018

■ 7.7968, 0.1607,
0.0799

■ 6.2689, 0.1531,
0.0663

■ 5.7703, 0.1505,
0.0616

Harmonies

Analogous

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



57.8599, 0.2775, 0.2977



57.8599, 0.2910, 0.2943



57.8599, 0.3106, 0.2996

Triad

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



57.8599, 0.2910, 0.2943



57.8599, 0.3539, 0.3463



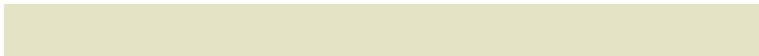
57.8599, 0.2937, 0.3468

Complementary

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



57.8599, 0.2910, 0.2943



75.4047, 0.3332, 0.3615

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.



57.8599, 0.3137, 0.3610



57.8599, 0.2910, 0.2943



57.8599, 0.3488, 0.3600

Square

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



57.8599, 0.2910, 0.2943



57.8599, 0.3475, 0.3289



57.8599, 0.3340, 0.3657



57.8599, 0.2790, 0.3276

Rectangle

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



57.8599, 0.2910, 0.2943



57.8599, 0.3247, 0.3072



57.8599, 0.3340, 0.3657



57.8599, 0.3000, 0.3523

Sweetspot

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



57.8623, 0.2910, 0.2943



91.9929, 0.3067, 0.3194



72.8501, 0.2929, 0.3307



19.3780, 0.3055, 0.3175



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.



57.8623, 0.2910, 0.2943



70.4557, 0.2866, 0.2873



59.3475, 0.3013, 0.2941



13.9663, 0.2980, 0.3055



3.3679, 0.1506, 0.0622



0.2771, 0.1524, 0.0685

Inverse Universe

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



60.4794, 0.3369, 0.3279



74.3919, 0.3422, 0.3277



73.7992, 0.3230, 0.3637



14.3760, 0.3287, 0.3282



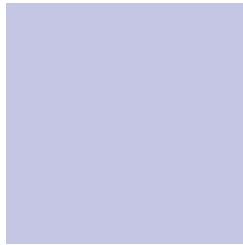
9.5377, 0.6363, 0.3279



0.7077, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 57.8599, 0.2910, 0.2943 looks on a white background.

Color Contrast Check

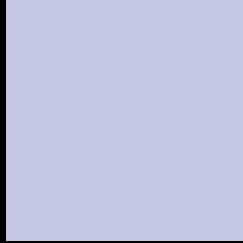
Large Text (above 18pt) WCAG AA × Fail

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 57.8599, 0.2910, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

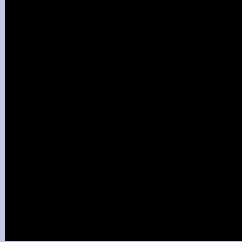
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

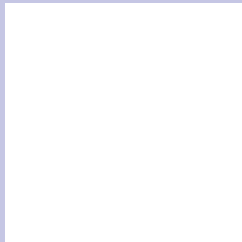
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8599, 0.2910, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 57.8599, 0.2910, 0.2943.



This preview shows how white text looks on a background with the Yxy color 57.8599, 0.2910, 0.2943.

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

57.8599, 0.2910, 0.2943

Protanopia

58.0504, 0.2896, 0.2953

Deuteranopia

57.8092, 0.2969, 0.2904



Tritanopia

57.8685, 0.2977, 0.3101

Trichromacy



Original Color

57.8599, 0.2910, 0.2943

Protanomaly

58.1840, 0.2903, 0.2954

Deuteranomaly

57.8335, 0.2947, 0.2913

Tritanomaly

57.7499, 0.2957, 0.3043

Monochromacy



Original Color

57.8599, 0.2910, 0.2943

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2911, 0.3049, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8599, 0.2910, 0.2943 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 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(197, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.8599, 0.2910, 0.2943 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, 228) }
```

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

```
.border{ border-color:rgb(197, 198, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 228);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8599, 0.2910, 0.2943 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, 228) }
```

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

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