

Converting Colors

$Y_{xy}(58.5996, 0.2871, 0.2874)$

Have a look what the booklet for
Yxy(58.5996, 0.2871, 0.2874)
contains.

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Color

Yxy(58.8508, 0.2872, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7EB
RGB	198, 199, 235
RGB Percent	78%, 78%, 92%
CMY	0.2235, 0.2196, 0.0785
CMYK	0.16, 0.15, 0.00, 0.08
HSL	238°, 48%, 85%
HSV	238°, 16%, 92%
XYZ	58.7077, 58.8508, 86.8555
YIQ	202.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

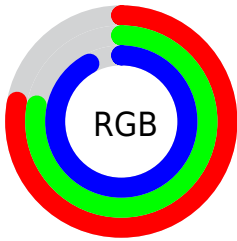
Format	Color
R_{YB}	198, 199, 235
Decimal	13027307
CIE _{Lab}	81.21, 6.81, -17.88
CIE _{LCh}	81, 19.135, 290.847
Yxy	58.8508, 0.2872, 0.2879
Android (android.graphics.Color)	4291217387 (0xFFC6C7EB)
YUV	202.8050, 15.8721, -4.2140
Hunter-Lab	76.7143, 2.3521, -13.4279

Details

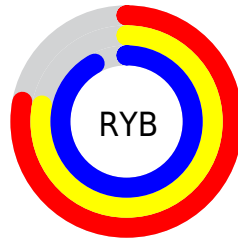
The Yxy color **58.8508, 0.2872, 0.2879** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5823, 0.3365, 0.3670**, and the grayscale version is **59.4985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.4348, 0.2809, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **46.1594, 0.2684, 0.2575**, and if you desaturate by 10%, it is **73.6235, 0.3040, 0.3150**.

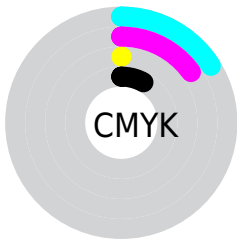
Distribution



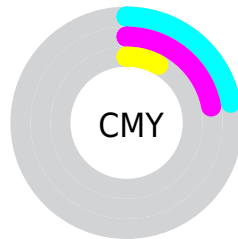
- Red (78%)
- Green (78%)
- Blue (92%)



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



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8508, 0.2872, 0.2879 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 58.8508, 0.2872, 0.2879 by changing the saturation by 10% instead.

■ 58.8508, 0.2872,
0.2879

■ 58.8508, 0.2872,
0.2879

420.3488, 0.2995,
0.3072

■ 42.4930, 0.2843,
0.2834

103.1608, 0.2916,
0.2947

■ 29.4875, 0.2806,
0.2778

131.8818, 0.2932,
0.2973

■ 19.4499, 0.2759,
0.2707

165.4927, 0.2946,
0.2995

■ 11.9958, 0.2696,
0.2613

204.3778, 0.2959,
0.3015

■ 6.7409, 0.2607,
0.2485

248.9216, 0.2969,
0.3032

■ 3.3006, 0.2473,
0.2297

299.5084, 0.2979,

■ 1.2906, 0.2254,

0.3047

0.2002

356.5227, 0.2987,
0.3060

0.1339, 0.1552,
0.0708

0.0000, 0.0000,
0.0000

58.8508, 0.2872,
0.2879

58.8508, 0.2872,
0.2879

46.1594, 0.2684,
0.2575

73.6235, 0.3040,
0.3150

35.4490, 0.2480,
0.2243

90.5575, 0.3188,
0.3387

26.6218, 0.2267,
0.1894

98.7777, 0.3244,
0.3483

19.5691, 0.2055,
0.1546

■ 14.1707, 0.1860,
0.1222

■ 10.2918, 0.1699,
0.0950

■ 7.7764, 0.1583,
0.0752

■ 6.4350, 0.1519,
0.0639

■ 6.1350, 0.1504,
0.0612

Harmonies

Analogous

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



58.8508, 0.2711, 0.2915



58.8508, 0.2872, 0.2879



58.8508, 0.3106, 0.2944

Triad

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



58.8508, 0.2872, 0.2879



58.8508, 0.3620, 0.3497



58.8508, 0.2896, 0.3499

Complementary

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



58.8508, 0.2872, 0.2879



80.5823, 0.3365, 0.3670

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.



58.8508, 0.3133, 0.3672



58.8508, 0.2872, 0.2879



58.8508, 0.3556, 0.3660

Square

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



58.8508, 0.2872, 0.2879



58.8508, 0.3546, 0.3291



58.8508, 0.3375, 0.3730



58.8508, 0.2724, 0.3267

Rectangle

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



58.8508, 0.2872, 0.2879



58.8508, 0.3275, 0.3035



58.8508, 0.3375, 0.3730



58.8508, 0.2970, 0.3567

Sweetspot

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



58.8532, 0.2872, 0.2879



89.9994, 0.3051, 0.3168



77.3458, 0.2896, 0.3303



18.9741, 0.3040, 0.3150



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.



58.8532, 0.2872, 0.2879



65.4612, 0.2811, 0.2781



60.8774, 0.2997, 0.2883



14.6138, 0.2980, 0.3053



3.4440, 0.1505, 0.0617



0.2934, 0.1518, 0.0664

Inverse Universe

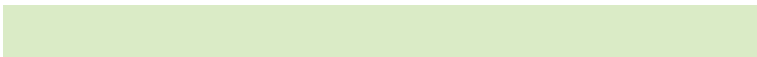
The Inverse Universe completely reimagines the original color for something new.



62.1766, 0.3416, 0.3280



70.2148, 0.3492, 0.3278



78.3541, 0.3242, 0.3696



15.0606, 0.3289, 0.3284



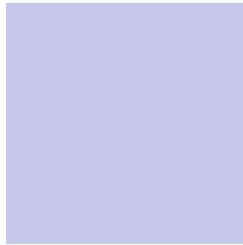
9.8405, 0.6372, 0.3284



0.7750, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 58.8508, 0.2872, 0.2879 looks on a white background.

Color Contrast Check

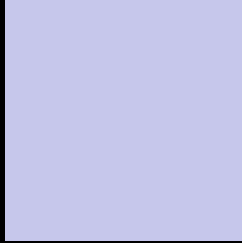
Large Text (above 18pt) WCAG AA × Fail

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 58.8508, 0.2872, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

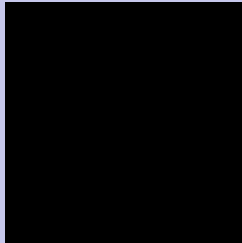
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8508, 0.2872, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 58.8508, 0.2872, 0.2879.



This preview shows how white text looks on a background with the Yxy color 58.8508, 0.2872, 0.2879.

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

58.8508, 0.2872, 0.2879

Protanopia

58.9668, 0.2845, 0.2877

Deuteranopia

58.9098, 0.2922, 0.2862



Tritanopia

58.9051, 0.2963, 0.3102

Trichromacy



Original Color

58.8508, 0.2872, 0.2879

Protanomaly

59.1004, 0.2852, 0.2878

Deuteranomaly

58.9429, 0.2900, 0.2871

Tritanomaly

58.8909, 0.2930, 0.3022

Monochromacy



Original Color

58.8508, 0.2872, 0.2879

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5649, 0.3028, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8508, 0.2872, 0.2879 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, 199, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 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, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 235) }
```

Border

The CSS property to change the border of an element to Yxy 58.8508, 0.2872, 0.2879 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, 199, 235) }
```

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

```
.border{ border-color:rgb(198, 199, 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, 199, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8508, 0.2872, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 235) }
```

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

```
.background{ background-color: rgb(198,  
199, 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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