

Converting Colors

$Yxy(59.2903, 0.2876, 0.2874)$

Have a look what the booklet for
Yxy(59.2903, 0.2876, 0.2874)
contains.

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Color

Yxy(59.0451, 0.2873, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7EC
RGB	199, 199, 236
RGB Percent	78%, 78%, 93%
CMY	0.2194, 0.2197, 0.0745
CMYK	0.16, 0.16, 0.00, 0.07
HSL	240°, 49%, 85%
HSV	240°, 16%, 93%
XYZ	59.1274, 59.0451, 87.6312
YIQ	203.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

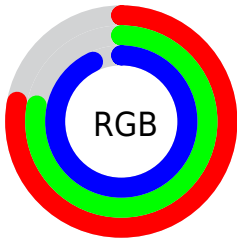
Format	Color
R _Y B	199, 199, 236
Decimal	13092844
CIE Lab	81.32, 7.36, -18.25
CIE LCh	81, 19.678, 291.969
Yxy	59.0451, 0.2873, 0.2869
Android (android.graphics.Color)	4291282924 (0xFFC7C7EC)
YUV	203.2180, 16.1615, -3.6992
Hunter-Lab	76.8408, 2.8807, -13.8273

Details

The Yxy color **59.0451, 0.2873, 0.2869** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9293, 0.3362, 0.3679**, and the grayscale version is **59.7733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5658, 0.2810, 0.2765** is the 20% darker color. If you saturate the color by 10%, you get **46.0400, 0.2684, 0.2557**, and if you desaturate by 10%, it is **74.2376, 0.3041, 0.3147**.

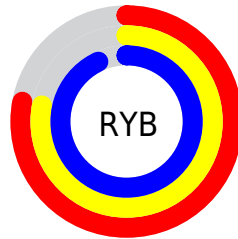
Distribution



Red (78%)

Green (78%)

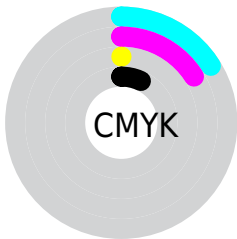
Blue (93%)



Red (78%)

Yellow (78%)

Blue (93%)

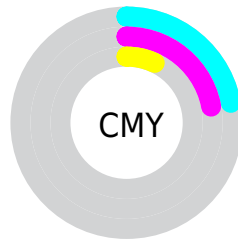


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0451, 0.2873, 0.2869 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 59.0451, 0.2873, 0.2869 by changing the saturation by 10% instead.

■ 59.0451, 0.2873,
0.2869

■ 59.0451, 0.2873,
0.2869

421.0690, 0.2995,
0.3067

■ 42.6494, 0.2844,
0.2823

103.4432, 0.2916,
0.2938

■ 29.6101, 0.2807,
0.2766

132.2144, 0.2933,
0.2965

■ 19.5429, 0.2760,
0.2694

165.8796, 0.2947,
0.2988

■ 12.0632, 0.2697,
0.2599

204.8232, 0.2959,
0.3008

■ 6.7867, 0.2609,
0.2468

249.4295, 0.2970,
0.3025

■ 3.3291, 0.2476,
0.2278

300.0830, 0.2980,

■ 1.3059, 0.2258,

0.3041

0.1981

357.1680, 0.2988,
0.3054

0.1457, 0.1608,
0.0736

0.0000, 0.0000,
0.0000

59.0451, 0.2873,
0.2869

59.0451, 0.2873,
0.2869

46.0400, 0.2684,
0.2557

74.2376, 0.3041,
0.3147

35.1149, 0.2479,
0.2216

91.7041, 0.3188,
0.3391

26.1640, 0.2263,
0.1859

98.8357, 0.3238,
0.3473

19.0697, 0.2049,
0.1505

■ 13.7017, 0.1852,
0.1181

■ 9.9127, 0.1690,
0.0913

■ 7.5312, 0.1577,
0.0725

■ 6.3457, 0.1516,
0.0625

■ 6.0587, 0.1501,
0.0600

Harmonies

Analogous

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



59.0451, 0.2704, 0.2902



59.0451, 0.2873, 0.2869



59.0451, 0.3115, 0.2939

Triad

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



59.0451, 0.2873, 0.2869



59.0451, 0.3633, 0.3510



59.0451, 0.2881, 0.3496

Complementary

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



59.0451, 0.2873, 0.2869



81.9293, 0.3362, 0.3679

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.



59.0451, 0.3123, 0.3679



59.0451, 0.2873, 0.2869



59.0451, 0.3562, 0.3675

Square

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



59.0451, 0.2873, 0.2869



59.0451, 0.3562, 0.3298



59.0451, 0.3373, 0.3742



59.0451, 0.2709, 0.3257

Rectangle

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



59.0451, 0.2873, 0.2869



59.0451, 0.3288, 0.3035



59.0451, 0.3373, 0.3742



59.0451, 0.2957, 0.3567

Sweetspot

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



59.0475, 0.2873, 0.2869



89.7991, 0.3051, 0.3165



78.1832, 0.2890, 0.3289



18.9257, 0.3040, 0.3146



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.



59.0475, 0.2873, 0.2869



64.8421, 0.2811, 0.2767



61.7242, 0.3007, 0.2885



14.5504, 0.2980, 0.3046



3.3405, 0.1501, 0.0600



0.2628, 0.1502, 0.0601

Inverse Universe

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



64.7247, 0.3146, 0.2903



72.8818, 0.3150, 0.2818



78.9370, 0.3233, 0.3695



15.3133, 0.3138, 0.3058



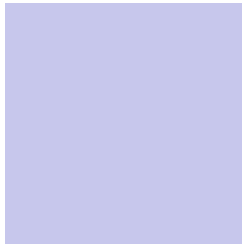
13.1536, 0.3214, 0.1544



1.0330, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 59.0451, 0.2873, 0.2869 looks on a white background.

Color Contrast Check

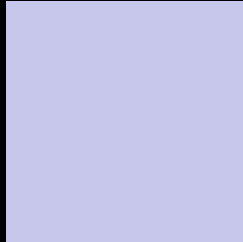
Large Text (above 18pt) WCAG AA × Fail

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 59.0451, 0.2873, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

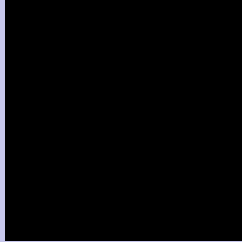
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0451, 0.2873, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 59.0451, 0.2873, 0.2869.



This preview shows how white text looks on a background with the Yxy color 59.0451, 0.2873, 0.2869.

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

59.0451, 0.2873, 0.2869

Protanopia

59.0251, 0.2839, 0.2867

Deuteranopia

58.9678, 0.2915, 0.2851



Tritanopia

59.0388, 0.2971, 0.3102

Trichromacy



Original Color

59.0451, 0.2873, 0.2869

Protanomaly

59.1587, 0.2845, 0.2867

Deuteranomaly

59.1408, 0.2901, 0.2861

Tritanomaly

59.0798, 0.2931, 0.3011

Monochromacy



Original Color

59.0451, 0.2873, 0.2869

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7039, 0.3036, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0451, 0.2873, 0.2869 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(199, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 236)  
}
```

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(199, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 236) }
```

Border

The CSS property to change the border of an element to Yxy 59.0451, 0.2873, 0.2869 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(199, 199, 236) }
```

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

```
.border{ border-color:rgb(199, 199, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 236);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0451, 0.2873, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 236) }
```

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

```
.background{ background-color: rgb(199,  
199, 236) }
```

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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