

Converting Colors

Yxy(59.6940, 0.2881, 0.3100)

Have a look what the booklet for
Yxy(59.6940, 0.2881, 0.3100)
contains.

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Color

Yxy(59.9813, 0.2881, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	BBCEDF
RGB	187, 206, 222
RGB Percent	73%, 81%, 87%
CMY	0.2668, 0.1921, 0.1293
CMYK	0.16, 0.07, 0.00, 0.13
HSL	207°, 35%, 80%
HSV	207°, 16%, 87%
XYZ	55.7439, 59.9813, 77.7629
YIQ	202.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

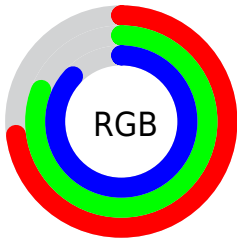
Format	Color
R _Y B	187, 199, 222
Decimal	12308190
CIE Lab	81.83, -3.15, -10.10
CIE LCh	82, 10.582, 252.705
Yxy	59.9813, 0.2881, 0.3100
Android (android.graphics.Color)	4290498270 (0xFFBBCEDE)
YUV	202.1430, 9.7895, -13.2804
Hunter-Lab	77.4476, -7.0556, -5.3180

Details

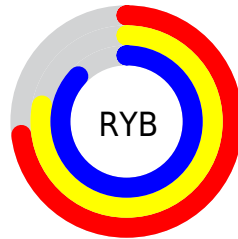
The Yxy color **59.9813, 0.2881, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8161, 0.3396, 0.3473**, and the grayscale version is **59.0998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **30.2330, 0.2815, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **52.6725, 0.2721, 0.2963**, and if you desaturate by 10%, it is **68.0428, 0.3038, 0.3224**.

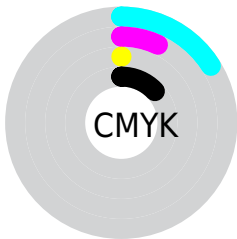
Distribution



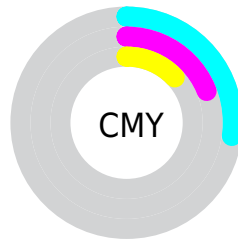
- Red (73%)
- Green (81%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9813, 0.2881, 0.3100 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 59.9813, 0.2881, 0.3100 by changing the saturation by 10% instead.

■ 59.9813, 0.2881,
0.3100

■ 59.9813, 0.2881,
0.3100

424.5288, 0.2998,
0.3191

■ 43.4036, 0.2853,
0.3078

■ 104.8025, 0.2922,
0.3132

■ 30.2019, 0.2819,
0.3051

133.8148, 0.2938,
0.3145

■ 19.9919, 0.2775,
0.3015

167.7408, 0.2952,
0.3155

■ 12.3891, 0.2715,
0.2968

206.9647, 0.2964,
0.3165

■ 7.0093, 0.2633,
0.2900

251.8711, 0.2974,
0.3173

■ 3.4679, 0.2509,
0.2798

302.8443, 0.2983,

■ 1.3806, 0.2304,

0.3180

0.2625

360.2688, 0.2991,
0.3186

0.2024, 0.0928,
0.1626

0.0000, 0.0000,
0.0000

59.9813, 0.2881,
0.3100

59.9813, 0.2881,
0.3100

52.6725, 0.2721,
0.2963

68.0428, 0.3038,
0.3224

46.0832, 0.2560,
0.2813

76.8737, 0.3190,
0.3335

40.1884, 0.2403,
0.2651

86.4997, 0.3335,
0.3434

34.9586, 0.2255,
0.2480

92.7890, 0.3332,
0.3531

■ 30.3617, 0.2120,
0.2303

■ 98.0552, 0.3321,
0.3611

■ 26.3618, 0.2002,
0.2124

■ 22.9181, 0.1906,
0.1947

■ 19.9818, 0.1834,
0.1776

■ 18.8660, 0.1807,
0.1706

Harmonies

Analogous

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



59.9813, 0.2869, 0.3192



59.9813, 0.2881, 0.3100



59.9813, 0.2957, 0.3060

Triad

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



59.9813, 0.2881, 0.3100



59.9813, 0.3333, 0.3261



59.9813, 0.3170, 0.3511

Complementary

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



59.9813, 0.2881, 0.3100



61.8161, 0.3396, 0.3473

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.



59.9813, 0.3297, 0.3526



59.9813, 0.2881, 0.3100



59.9813, 0.3392, 0.3379

Square

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



59.9813, 0.2881, 0.3100



59.9813, 0.3218, 0.3153



59.9813, 0.3379, 0.3476



59.9813, 0.3034, 0.3433

Rectangle

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



59.9813, 0.2881, 0.3100



59.9813, 0.3036, 0.3067



59.9813, 0.3379, 0.3476



59.9813, 0.3215, 0.3524

Sweetspot

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



59.9838, 0.2881, 0.3100



94.0034, 0.3050, 0.3233



67.1141, 0.3007, 0.3519



19.9448, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



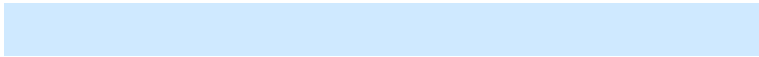
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9838, 0.2881, 0.3100



78.6300, 0.2827, 0.3055



52.1054, 0.2872, 0.2889



14.4714, 0.2981, 0.3180



11.4285, 0.1814, 0.1731



0.9706, 0.1887, 0.1991

Inverse Universe

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



55.5128, 0.3270, 0.3075



71.5442, 0.3306, 0.3027



70.4482, 0.3366, 0.3662



13.8245, 0.3207, 0.3163



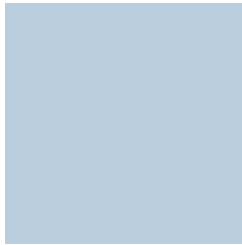
10.0618, 0.4769, 0.2401



0.7154, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 59.9813, 0.2881, 0.3100 looks on a white background.

Color Contrast Check

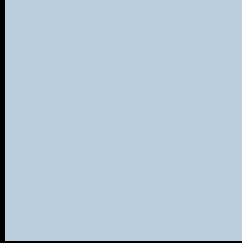
Large Text (above 18pt) WCAG AA × Fail

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 59.9813, 0.2881, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

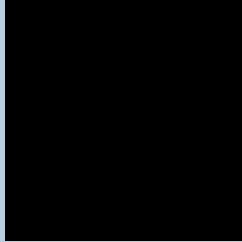
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

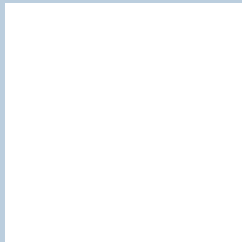
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9813, 0.2881, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 59.9813, 0.2881, 0.3100.

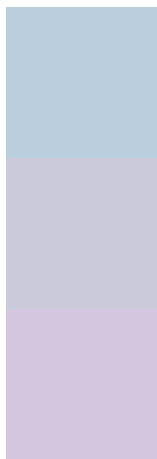


This preview shows how white text looks on a background with the Yxy color 59.9813, 0.2881, 0.3100.

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

59.9813, 0.2881, 0.3100

Protanopia

59.9121, 0.3008, 0.3093

Deuteranopia

59.9161, 0.3056, 0.2998



Tritanopia

59.9813, 0.2881, 0.3100

Trichromacy



Original Color

59.9813, 0.2881, 0.3100

Protanomaly

59.7495, 0.2965, 0.3091

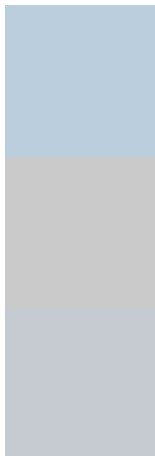
Deuteranomaly

59.9384, 0.2996, 0.3038

Tritanomaly

59.9813, 0.2881, 0.3100

Monochromacy



Original Color

59.9813, 0.2881, 0.3100

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1856, 0.3040, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9813, 0.2881, 0.3100 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(187, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 222)  
}
```

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(187, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.9813, 0.2881, 0.3100 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(187, 206, 222) }
```

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

```
.border{ border-color:rgb(187, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9813, 0.2881, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 222) }
```

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

```
.background{ background-color: rgb(187,  
206, 222) }
```

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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