

Converting Colors

Yxy(59.2313, 0.2883, 0.3069)

Have a look what the booklet for
Yxy(59.2313, 0.2883, 0.3069)
contains.

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Color

Yxy(59.2048, 0.2881, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	BCCCDF
RGB	188, 204, 223
RGB Percent	74%, 80%, 87%
CMY	0.2628, 0.2000, 0.1255
CMYK	0.16, 0.09, 0.00, 0.13
HSL	213°, 35%, 81%
HSV	213°, 16%, 87%
XYZ	55.6506, 59.2048, 78.3087
YIQ	201.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

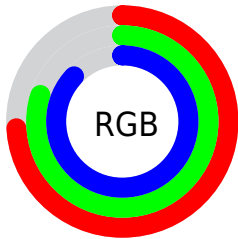
Format	Color
R _Y B	188, 199, 223
Decimal	12373215
CIE Lab	81.40, -1.55, -11.25
CIE LCh	81, 11.358, 262.146
Yxy	59.2048, 0.2881, 0.3065
Android (android.graphics.Color)	4290563295 (0xFFBCCCDF)
YUV	201.3820, 10.6577, -11.7360
Hunter-Lab	76.9447, -5.5522, -6.4798

Details

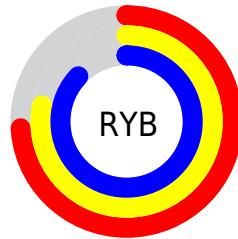
The Yxy color **59.2048, 0.2881, 0.3065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9431, 0.3389, 0.3505**, and the grayscale version is **58.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **29.7082, 0.2814, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **51.0587, 0.2716, 0.2901**, and if you desaturate by 10%, it is **68.2405, 0.3040, 0.3213**.

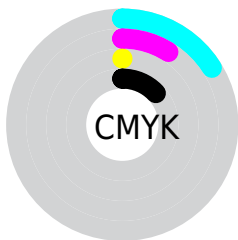
Distribution



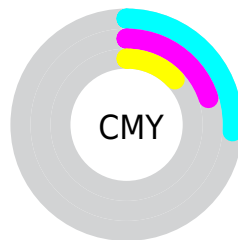
- Red (74%)
- Green (80%)
- Blue (87%)



- Red (74%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2048, 0.2881, 0.3065 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 59.2048, 0.2881, 0.3065 by changing the saturation by 10% instead.

■ 59.2048, 0.2881,
0.3065

■ 59.2048, 0.2881,
0.3065

421.6604, 0.2998,
0.3173

■ 42.7780, 0.2853,
0.3039

■ 103.6753, 0.2922,
0.3103

■ 29.7110, 0.2819,
0.3007

132.4877, 0.2938,
0.3118

■ 19.6193, 0.2774,
0.2966

166.1975, 0.2952,
0.3130

■ 12.1186, 0.2714,
0.2910

205.1890, 0.2964,
0.3141

■ 6.8245, 0.2630,
0.2831

249.8467, 0.2974,
0.3151

■ 3.3526, 0.2504,
0.2712

300.5549, 0.2983,

■ 1.3185, 0.2295,

0.3159

357.6980, 0.2991,
0.3166

0.2512

0.1554, 0.0900,
0.1273

0.0000, 0.0000,
0.0000

59.2048, 0.2881,
0.3065

59.2048, 0.2881,
0.3065

51.0587, 0.2716,
0.2901

68.2405, 0.3040,
0.3213

43.7648, 0.2549,
0.2721

78.1869, 0.3191,
0.3345

37.2934, 0.2382,
0.2526

89.0737, 0.3333,
0.3461

31.6101, 0.2222,
0.2321

96.4706, 0.3319,
0.3577

■ 26.6776, 0.2074,
0.2109

■ 98.1079, 0.3315,
0.3601

■ 22.4548, 0.1944,
0.1896

■ 18.8952, 0.1837,
0.1690

■ 15.9435, 0.1756,
0.1496

■ 14.8261, 0.1727,
0.1417

Harmonies

Analogous

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



59.2048, 0.2845, 0.3148



59.2048, 0.2881, 0.3065



59.2048, 0.2982, 0.3043

Triad

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



59.2048, 0.2881, 0.3065



59.2048, 0.3377, 0.3299



59.2048, 0.3126, 0.3509

Complementary

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



59.2048, 0.2881, 0.3065



63.9431, 0.3389, 0.3505

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.



59.2048, 0.3270, 0.3548



59.2048, 0.2881, 0.3065



59.2048, 0.3417, 0.3422

Square

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



59.2048, 0.2881, 0.3065



59.2048, 0.3268, 0.3176



59.2048, 0.3378, 0.3514



59.2048, 0.2985, 0.3407

Rectangle

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



59.2048, 0.2881, 0.3065



59.2048, 0.3073, 0.3064



59.2048, 0.3378, 0.3514



59.2048, 0.3176, 0.3530

Sweetspot

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



59.2072, 0.2881, 0.3065



93.3258, 0.3050, 0.3222



67.9574, 0.2990, 0.3482



19.7802, 0.3039, 0.3212



0.0000, 0.0000, 0.0000



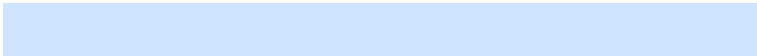
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2072, 0.2881, 0.3065



76.2964, 0.2825, 0.3010



52.1330, 0.2882, 0.2871



14.2708, 0.2981, 0.3159



8.9374, 0.1735, 0.1444



0.7969, 0.1816, 0.1738

Inverse Universe

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



56.0138, 0.3293, 0.3109



71.3086, 0.3336, 0.3068



71.9123, 0.3353, 0.3679



13.8043, 0.3221, 0.3183



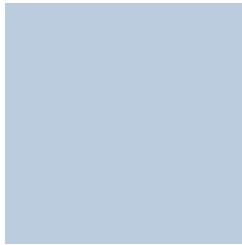
9.8103, 0.5132, 0.2601



0.6979, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 59.2048, 0.2881, 0.3065 looks on a white background.

Color Contrast Check

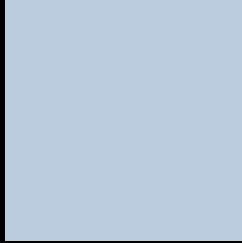
Large Text (above 18pt) WCAG AA × Fail

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 59.2048, 0.2881, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

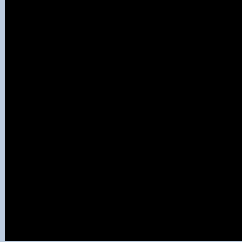
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

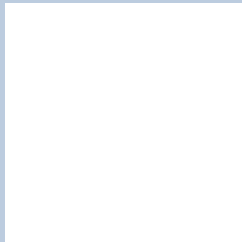
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2048, 0.2881, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 59.2048, 0.2881, 0.3065.



This preview shows how white text looks on a background with the Yxy color 59.2048, 0.2881, 0.3065.

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

59.2048, 0.2881, 0.3065

Protanopia

59.2731, 0.2980, 0.3058

Deuteranopia

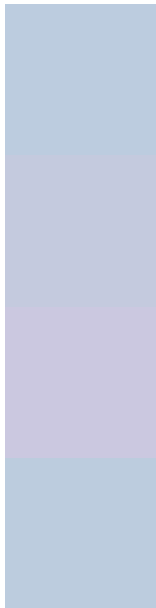
59.2176, 0.3034, 0.2974



Tritanopia

59.0976, 0.2894, 0.3088

Trichromacy



Original Color

59.2048, 0.2881, 0.3065

Protanomaly

59.2507, 0.2944, 0.3056

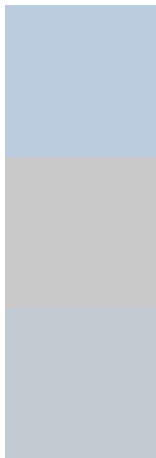
Deuteranomaly

59.3869, 0.2981, 0.3014

Tritanomaly

59.1510, 0.2887, 0.3077

Monochromacy



Original Color

59.2048, 0.2881, 0.3065

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5803, 0.3032, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2048, 0.2881, 0.3065 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(188, 204, 223)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 223)  
}
```

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(188, 204, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 223) }
```

Border

The CSS property to change the border of an element to Yxy 59.2048, 0.2881, 0.3065 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(188, 204, 223) }
```

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

```
.border{ border-color:rgb(188, 204, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 204, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 223);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2048, 0.2881, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 223) }
```

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

```
.background{ background-color: rgb(188,  
204, 223) }
```

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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