

Converting Colors

Yxy(57.5429, 0.2834, 0.3045)

Have a look what the booklet for
Yxy(57.5429, 0.2834, 0.3045)
contains.

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Color

Yxy(57.3925, 0.2831, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	B5CADF
RGB	181, 202, 223
RGB Percent	71%, 79%, 87%
CMY	0.2902, 0.2078, 0.1254
CMYK	0.19, 0.09, 0.00, 0.13
HSL	210°, 40%, 79%
HSV	210°, 19%, 87%
XYZ	53.4996, 57.3925, 78.0855
YIQ	198.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

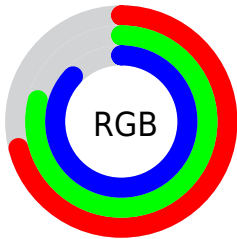
Format	Color
RYB	181, 195, 223
Decimal	11913951
CIELab	80.40, -2.68, -12.81
CIELCh	80, 13.091, 258.169
Yxy	57.3925, 0.2831, 0.3037
Android (android.graphics.Color)	4290104031 (0xFFB5CADF)
YUV	198.1150, 12.2683, -15.0099
Hunter-Lab	75.7578, -6.5210, -8.0812

Details

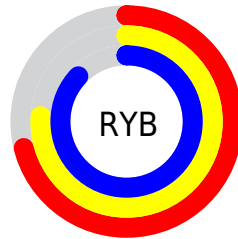
The Yxy color **57.3925, 0.2831, 0.3037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2851, 0.3451, 0.3531**, and the grayscale version is **56.4810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **28.5962, 0.2757, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **49.8617, 0.2668, 0.2882**, and if you desaturate by 10%, it is **65.7383, 0.2991, 0.3178**.

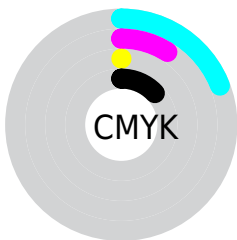
Distribution



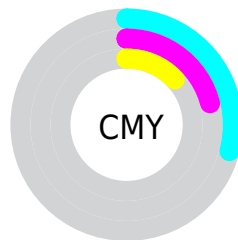
- Red (71%)
- Green (79%)
- Blue (87%)



- Red (71%)
- Yellow (76%)
- Blue (87%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3925, 0.2831, 0.3037 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 57.3925, 0.2831, 0.3037 by changing the saturation by 10% instead.

■ 57.3925, 0.2831,
0.3037

■ 57.3925, 0.2831,
0.3037

414.9184, 0.2973,
0.3159

■ 41.3204, 0.2797,
0.3008

■ 101.0377, 0.2881,
0.3080

■ 28.5696, 0.2755,
0.2971

129.3796, 0.2900,
0.3097

■ 18.7554, 0.2701,
0.2923

162.5802, 0.2917,
0.3111

■ 11.4937, 0.2628,
0.2859

201.0240, 0.2931,
0.3123

■ 6.3999, 0.2526,
0.2768

245.0953, 0.2943,
0.3134

■ 3.0898, 0.2373,
0.2629

295.1786, 0.2954,

■ 1.1788, 0.2119,

0.3144

0.2394

351.6581, 0.2964,
0.3152

0.0443, 0.0000,
0.0448

0.0000, 0.0000,
0.0000

57.3925, 0.2831,
0.3037

57.3925, 0.2831,
0.3037

49.8617, 0.2668,
0.2882

65.7383, 0.2991,
0.3178

43.1104, 0.2504,
0.2712

74.9190, 0.3145,
0.3304

37.1107, 0.2344,
0.2530

84.9622, 0.3291,
0.3416

31.8297, 0.2193,
0.2339

92.8907, 0.3326,
0.3522

■ 27.2317, 0.2056,
0.2143

■ 98.1090, 0.3315,
0.3601

■ 23.2768, 0.1938,
0.1947

■ 19.9192, 0.1844,
0.1756

■ 17.0932, 0.1773,
0.1576

■ 16.7901, 0.1766,
0.1556

Harmonies

Analogous

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



57.3925, 0.2801, 0.3141



57.3925, 0.2831, 0.3037



57.3925, 0.2939, 0.3002

Triad

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



57.3925, 0.2831, 0.3037



57.3925, 0.3406, 0.3280



57.3925, 0.3148, 0.3557

Complementary

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



57.3925, 0.2831, 0.3037



61.2851, 0.3451, 0.3531

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.



57.3925, 0.3313, 0.3591



57.3925, 0.2831, 0.3037



57.3925, 0.3465, 0.3425

Square

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



57.3925, 0.2831, 0.3037



57.3925, 0.3270, 0.3141



57.3925, 0.3430, 0.3540



57.3925, 0.2981, 0.3446

Rectangle

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



57.3925, 0.2831, 0.3037



57.3925, 0.3042, 0.3020



57.3925, 0.3430, 0.3540



57.3925, 0.3206, 0.3578

Sweetspot

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



57.3949, 0.2831, 0.3037



92.4248, 0.3035, 0.3215



66.8777, 0.2972, 0.3542



19.6116, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



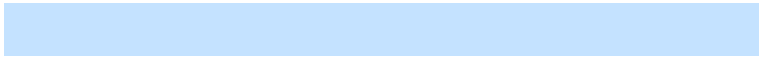
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3949, 0.2831, 0.3037



73.2061, 0.2760, 0.2971



48.2058, 0.2816, 0.2776



14.3690, 0.2981, 0.3170



10.0963, 0.1773, 0.1582



0.8789, 0.1851, 0.1862

Inverse Universe

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



53.0078, 0.3317, 0.3052



66.3698, 0.3371, 0.2994



71.8159, 0.3410, 0.3757



13.8142, 0.3214, 0.3173



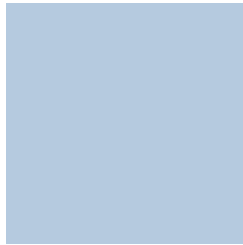
9.9273, 0.4954, 0.2502



0.7062, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 57.3925, 0.2831, 0.3037 looks on a white background.

Color Contrast Check

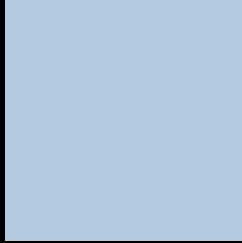
Large Text (above 18pt) WCAG AA × Fail

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 57.3925, 0.2831, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

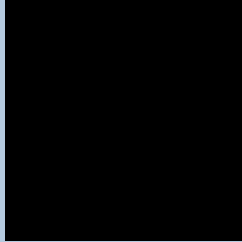
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

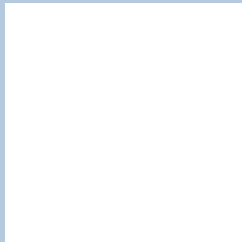
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3925, 0.2831, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 57.3925, 0.2831, 0.3037.



This preview shows how white text looks on a background with the Yxy color 57.3925, 0.2831, 0.3037.

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

57.3925, 0.2831, 0.3037

Protanopia

57.2912, 0.2957, 0.3031

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.5296, 0.2850, 0.3096

Trichromacy



Original Color

57.3925, 0.2831, 0.3037

Protanomaly

57.1437, 0.2913, 0.3029

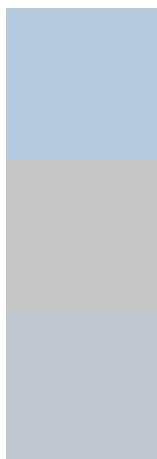
Deuteranomaly

57.3201, 0.2944, 0.2976

Tritanomaly

57.5825, 0.2844, 0.3084

Monochromacy



Original Color

57.3925, 0.2831, 0.3037

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5583, 0.3016, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3925, 0.2831, 0.3037 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(181, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 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(181, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 223) }
```

Border

The CSS property to change the border of an element to Yxy 57.3925, 0.2831, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

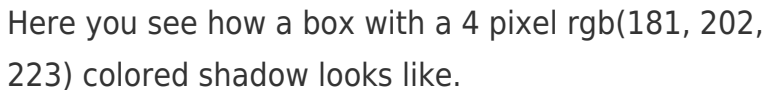
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 202, 223) }
```

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

```
.border{ border-color:rgb(181, 202, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 202, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 202, 223); box-shadow:4px 4px 4px 4px rgb(181, 202, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3925, 0.2831, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 223) }
```

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

```
.background{ background-color: rgb(181,  
202, 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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