

Converting Colors

$Yxy(58.2271, 0.2826, 0.2977)$

Have a look what the booklet for
Yxy(58.2271, 0.2826, 0.2977)
contains.

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Color

Yxy(58.2125, 0.2821, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	B9CAE5
RGB	185, 202, 229
RGB Percent	73%, 79%, 90%
CMY	0.2744, 0.2078, 0.1020
CMYK	0.19, 0.12, 0.00, 0.10
HSL	217°, 46%, 81%
HSV	217°, 19%, 90%
XYZ	55.2735, 58.2125, 82.4497
YIQ	199.9950, -18.7990, 4.7930

Conversions

Conversions Part 2

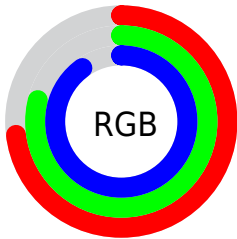
Format	Color
R _Y B	185, 197, 229
Decimal	12176101
CIE Lab	80.86, -0.14, -15.30
CIE LCh	81, 15.300, 269.475
Yxy	58.2125, 0.2821, 0.2971
Android (android.graphics.Color)	4290366181 (0xFFB9CAE5)
YUV	199.9950, 14.2995, -13.1506
Hunter-Lab	76.2971, -4.2056, -10.6632

Details

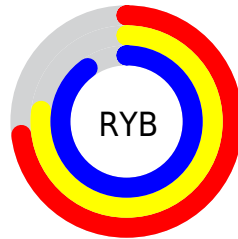
The Yxy color **58.2125, 0.2821, 0.2971** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.2564, 0.3449, 0.3590**, and the grayscale version is **57.6775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **29.0611, 0.2736, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **49.2930, 0.2650, 0.2777**, and if you desaturate by 10%, it is **68.1965, 0.2985, 0.3146**.

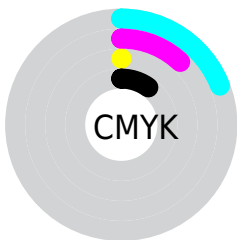
Distribution



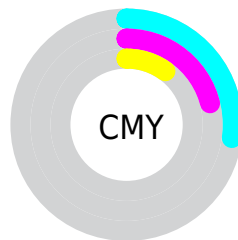
- Red (73%)
- Green (79%)
- Blue (90%)



- Red (73%)
- Yellow (77%)
- Blue (90%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2125, 0.2821, 0.2971 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 58.2125, 0.2821, 0.2971 by changing the saturation by 10% instead.

■ 58.2125, 0.2821,
0.2971

■ 58.2125, 0.2821,
0.2971

417.9773, 0.2967,
0.3124

■ 41.9795, 0.2786,
0.2935

■ 102.2322, 0.2873,
0.3025

■ 29.0852, 0.2743,
0.2890

130.7878, 0.2893,
0.3046

■ 19.1453, 0.2687,
0.2832

164.2196, 0.2909,
0.3063

■ 11.7753, 0.2613,
0.2754

202.9122, 0.2924,
0.3079

■ 6.5909, 0.2509,
0.2645

247.2498, 0.2937,
0.3092

■ 3.2076, 0.2354,
0.2483

297.6170, 0.2948,

■ 1.2410, 0.2099,

0.3104

0.2217

354.3980, 0.2958,
0.3114

0.0949, 0.0633,
0.0692

0.0000, 0.0000,
0.0000

58.2125, 0.2821,
0.2971

58.2125, 0.2821,
0.2971

49.2930, 0.2650,
0.2777

68.1965, 0.2985,
0.3146

41.3928, 0.2475,
0.2565

79.2735, 0.3139,
0.3302

34.4740, 0.2302,
0.2339

91.4800, 0.3283,
0.3439

28.4933, 0.2135,
0.2102

98.4371, 0.3280,
0.3542

■ 23.4035, 0.1983,
0.1863

■ 19.1522, 0.1852,
0.1628

■ 15.6802, 0.1748,
0.1409

■ 12.9040, 0.1672,
0.1213

■ 12.7064, 0.1666,
0.1198

Harmonies

Analogous

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



58.2125, 0.2751, 0.3062



58.2125, 0.2821, 0.2971



58.2125, 0.2973, 0.2964

Triad

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



58.2125, 0.2821, 0.2971



58.2125, 0.3490, 0.3342



58.2125, 0.3075, 0.3562

Complementary

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



58.2125, 0.2821, 0.2971



67.2564, 0.3449, 0.3590

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.



58.2125, 0.3274, 0.3638



58.2125, 0.2821, 0.2971



58.2125, 0.3518, 0.3502

Square

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



58.2125, 0.2821, 0.2971



58.2125, 0.3361, 0.3174



58.2125, 0.3438, 0.3613



58.2125, 0.2894, 0.3406

Rectangle

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



58.2125, 0.2821, 0.2971



58.2125, 0.3102, 0.3005



58.2125, 0.3438, 0.3613



58.2125, 0.3142, 0.3598

Sweetspot

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



58.2149, 0.2821, 0.2971



91.3660, 0.3035, 0.3197



71.0780, 0.2942, 0.3495



19.3616, 0.3024, 0.3187



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.



58.2149, 0.2821, 0.2971



69.6642, 0.2755, 0.2897



51.2346, 0.2841, 0.2768



14.7951, 0.2981, 0.3142



7.4815, 0.1674, 0.1227



0.7286, 0.1755, 0.1518

Inverse Universe

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



55.6275, 0.3363, 0.3101



66.0122, 0.3423, 0.3060



75.4849, 0.3384, 0.3772



14.4597, 0.3232, 0.3200



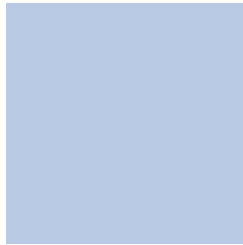
9.9530, 0.5428, 0.2764



0.7532, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 58.2125, 0.2821, 0.2971 looks on a white background.

Color Contrast Check

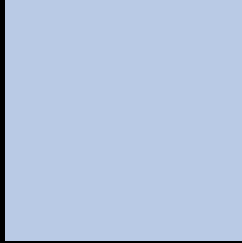
Large Text (above 18pt) WCAG AA × Fail

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 58.2125, 0.2821, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

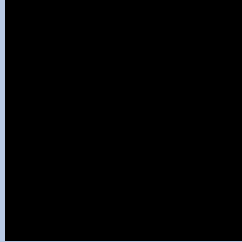
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

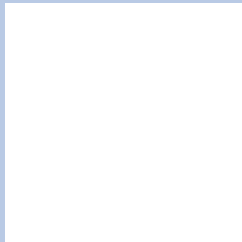
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2125, 0.2821, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 58.2125, 0.2821, 0.2971.



This preview shows how white text looks on a background with the Yxy color 58.2125, 0.2821, 0.2971.

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

58.2125, 0.2821, 0.2971

Protanopia

58.1287, 0.2910, 0.2965

Deuteranopia

57.8652, 0.2962, 0.2893



Tritanopia

58.4203, 0.2865, 0.3098

Trichromacy



Original Color

58.2125, 0.2821, 0.2971

Protanomaly

58.1165, 0.2875, 0.2963

Deuteranomaly

58.1071, 0.2904, 0.2921

Tritanomaly

58.2299, 0.2853, 0.3051

Monochromacy



Original Color

58.2125, 0.2821, 0.2971

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0785, 0.3011, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2125, 0.2821, 0.2971 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(185, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 229)  
}
```

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(185, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 229) }
```

Border

The CSS property to change the border of an element to Yxy 58.2125, 0.2821, 0.2971 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(185, 202, 229) }
```

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

```
.border{ border-color:rgb(185, 202, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 229);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2125, 0.2821, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 229) }
```

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

```
.background{ background-color: rgb(185,  
202, 229) }
```

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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