

Converting Colors

$Yxy(58.4580, 0.2893, 0.3021)$

Have a look what the booklet for
Yxy(58.4580, 0.2893, 0.3021)
contains.

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Color

Yxy(58.2315, 0.2894, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	BFC9E0
RGB	191, 201, 224
RGB Percent	75%, 79%, 88%
CMY	0.2512, 0.2117, 0.1215
CMYK	0.15, 0.10, 0.00, 0.12
HSL	222°, 35%, 81%
HSV	222°, 15%, 88%
XYZ	55.8205, 58.2315, 78.8314
YIQ	200.6320, -13.3430, 5.0330

Conversions

Conversions Part 2

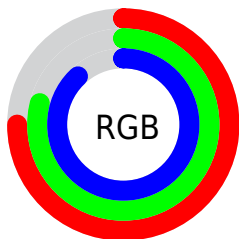
Format	Color
R _Y B	191, 199, 224
Decimal	12569056
CIE Lab	80.87, 1.19, -12.58
CIE LCh	81, 12.631, 275.390
Yxy	58.2315, 0.2894, 0.3019
Android (android.graphics.Color)	4290759136 (0xFFBFC9E0)
YUV	200.6320, 11.5204, -8.4473
Hunter-Lab	76.3096, -2.9690, -7.8327

Details

The Yxy color **58.2315, 0.2894, 0.3019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6831, 0.3364, 0.3547**, and the grayscale version is **58.1006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.0504, 0.2830, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **48.6462, 0.2722, 0.2808**, and if you desaturate by 10%, it is **69.0032, 0.3055, 0.3208**.

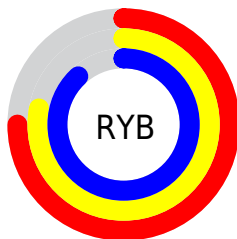
Distribution



Red (75%)

Green (79%)

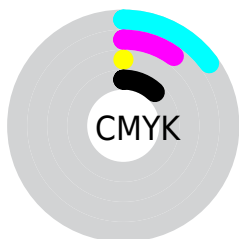
Blue (88%)



Red (75%)

Yellow (78%)

Blue (88%)

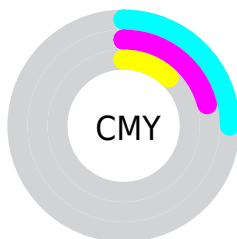


Cyan (15%)

Magenta (10%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (21%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2315, 0.2894, 0.3019 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 58.2315, 0.2894, 0.3019 by changing the saturation by 10% instead.

■ 58.2315, 0.2894,
0.3019

■ 58.2315, 0.2894,
0.3019

■ 418.0480, 0.3006,
0.3149

■ 41.9948, 0.2867,
0.2988

■ 102.2599, 0.2934,
0.3065

■ 29.0972, 0.2834,
0.2950

■ 130.8204, 0.2949,
0.3082

■ 19.1544, 0.2791,
0.2901

■ 164.2576, 0.2962,
0.3097

■ 11.7819, 0.2733,
0.2834

■ 202.9559, 0.2973,
0.3110

■ 6.5953, 0.2652,
0.2741

■ 247.2997, 0.2983,
0.3122

■ 3.2103, 0.2529,
0.2602

■ 297.6734, 0.2991,

■ 1.2425, 0.2323,

0.3132

0.2371

354.4613, 0.2999,
0.3141

0.0960, 0.1002,
0.0800

0.0000, 0.0000,
0.0000

58.2315, 0.2894,
0.3019

58.2315, 0.2894,
0.3019

48.6462, 0.2722,
0.2808

69.0032, 0.3055,
0.3208

40.1981, 0.2542,
0.2575

80.9939, 0.3203,
0.3375

32.8450, 0.2359,
0.2325

93.6392, 0.3318,
0.3523

26.5393, 0.2178,
0.2061

98.1629, 0.3309,
0.3591

■ 21.2292, 0.2008,
0.1793

■ 16.8585, 0.1857,
0.1533

■ 13.3640, 0.1734,
0.1292

■ 10.6727, 0.1644,
0.1082

■ 9.5357, 0.1608,
0.0987

Harmonies

Analogous

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



58.2315, 0.2820, 0.3082



58.2315, 0.2894, 0.3019



58.2315, 0.3030, 0.3026

Triad

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



58.2315, 0.2894, 0.3019



58.2315, 0.3438, 0.3362



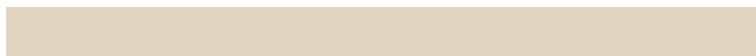
58.2315, 0.3053, 0.3492

Complementary

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



58.2315, 0.2894, 0.3019



67.6831, 0.3364, 0.3547

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.



58.2315, 0.3218, 0.3570



58.2315, 0.2894, 0.3019



58.2315, 0.3443, 0.3489

Square

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



58.2315, 0.2894, 0.3019



58.2315, 0.3346, 0.3221



58.2315, 0.3362, 0.3567



58.2315, 0.2911, 0.3356

Rectangle

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



58.2315, 0.2894, 0.3019



58.2315, 0.3140, 0.3069



58.2315, 0.3362, 0.3567



58.2315, 0.3108, 0.3526

Sweetspot

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



58.2339, 0.2894, 0.3019



93.6718, 0.3066, 0.3221



69.2244, 0.2967, 0.3411



19.8013, 0.3054, 0.3207



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.



58.2339, 0.2894, 0.3019



73.5996, 0.2837, 0.2950



54.4982, 0.2935, 0.2903



13.9199, 0.2981, 0.3122



5.7274, 0.1615, 0.1013



0.5515, 0.1700, 0.1321

Inverse Universe

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



57.3107, 0.3321, 0.3177



72.2412, 0.3374, 0.3150



71.9802, 0.3303, 0.3660



13.7688, 0.3244, 0.3219



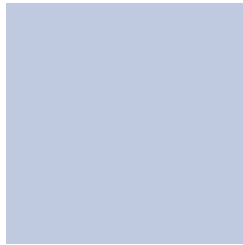
9.4862, 0.5739, 0.2935



0.6731, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 58.2315, 0.2894, 0.3019 looks on a white background.

Color Contrast Check

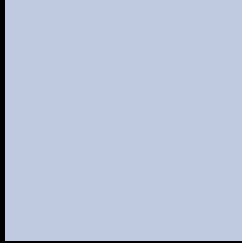
Large Text (above 18pt) WCAG AA × Fail

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 58.2315, 0.2894, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

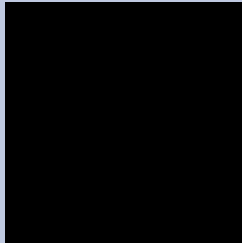
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

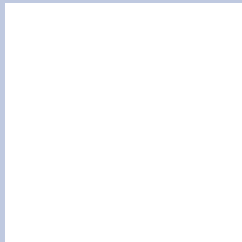
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2315, 0.2894, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 58.2315, 0.2894, 0.3019.



This preview shows how white text looks on a background with the Yxy color 58.2315, 0.2894, 0.3019.

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

58.2315, 0.2894, 0.3019

Protanopia

58.1803, 0.2951, 0.3011

Deuteranopia

58.0218, 0.3019, 0.2949



Tritanopia

58.2502, 0.2927, 0.3099

Trichromacy



Original Color

58.2315, 0.2894, 0.3019

Protanomaly

58.2384, 0.2930, 0.3021

Deuteranomaly

57.9253, 0.2967, 0.2967

Tritanomaly

58.3555, 0.2914, 0.3076

Monochromacy



Original Color

58.2315, 0.2894, 0.3019

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2471, 0.3040, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2315, 0.2894, 0.3019 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(191, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 224)  
}
```

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(191, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.2315, 0.2894, 0.3019 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(191, 201, 224) }
```

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

```
.border{ border-color:rgb(191, 201, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2315, 0.2894, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 224) }
```

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

```
.background{ background-color: rgb(191,  
201, 224) }
```

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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