

Converting Colors

Yxy(59.2191, 0.2953, 0.3154)

Have a look what the booklet for
Yxy(59.2191, 0.2953, 0.3154)
contains.

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Color

Yxy(59.1684, 0.2955, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	BFCCD7
RGB	191, 204, 215
RGB Percent	75%, 80%, 84%
CMY	0.2509, 0.2000, 0.1569
CMYK	0.11, 0.05, 0.00, 0.16
HSL	208°, 23%, 80%
HSV	208°, 11%, 84%
XYZ	55.3475, 59.1684, 72.7852
YIQ	201.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

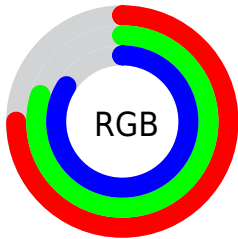
Format	Color
R_{YB}	191, 199, 215
Decimal	12569815
CIE _{Lab}	81.38, -2.23, -6.97
CIE _{LCh}	81, 7.317, 252.281
Yxy	59.1684, 0.2955, 0.3159
Android (android.graphics.Color)	4290759895 (0xFFBFCCD7)
YUV	201.3670, 6.7211, -9.0919
Hunter-Lab	76.9210, -6.1745, -2.2575

Details

The Yxy color **59.1684, 0.2955, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4557, 0.3310, 0.3418**, and the grayscale version is **58.6141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **29.6691, 0.2909, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **52.0453, 0.2796, 0.3028**, and if you desaturate by 10%, it is **67.0022, 0.3110, 0.3277**.

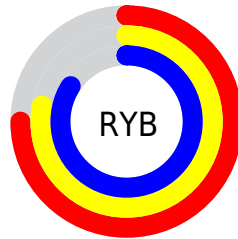
Distribution



Red (75%)

Green (80%)

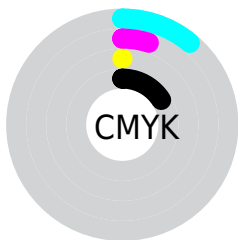
Blue (84%)



Red (75%)

Yellow (78%)

Blue (84%)

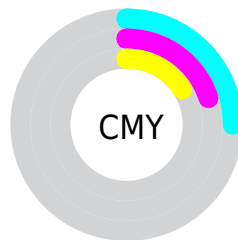


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (20%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1684, 0.2955, 0.3159 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 59.1684, 0.2955, 0.3159 by changing the saturation by 10% instead.

■ 59.1684, 0.2955,
0.3159

■ 59.1684, 0.2955,
0.3159

421.5257, 0.3037,
0.3222

■ 42.7487, 0.2935,
0.3144

■ 103.6224, 0.2984,
0.3181

■ 29.6880, 0.2911,
0.3125

132.4254, 0.2995,
0.3190

■ 19.6019, 0.2879,
0.3100

166.1251, 0.3005,
0.3197

■ 12.1060, 0.2837,
0.3067

205.1057, 0.3013,
0.3204

■ 6.8159, 0.2777,
0.3020

249.7517, 0.3020,
0.3209

■ 3.3472, 0.2687,
0.2947

300.4474, 0.3027,

■ 1.3156, 0.2533,

0.3214

0.2822

357.5773, 0.3032,
0.3218

0.1532, 0.1016,
0.1705

0.0000, 0.0000,
0.0000

59.1684, 0.2955,
0.3159

59.1684, 0.2955,
0.3159

52.0453, 0.2796,
0.3028

67.0022, 0.3110,
0.3277

45.6024, 0.2635,
0.2883

75.5614, 0.3258,
0.3383

39.8175, 0.2476,
0.2726

84.7702, 0.3396,
0.3476

34.6642, 0.2323,
0.2559

90.5275, 0.3381,
0.3572

■ 30.1138, 0.2181,
0.2384

■ 96.6018, 0.3366,
0.3665

■ 26.1349, 0.2055,
0.2205

■ 97.6857, 0.3364,
0.3681

■ 22.6922, 0.1948,
0.2026

■ 19.7445, 0.1864,
0.1851

■ 17.4892, 0.1806,
0.1703

Harmonies

Analogous

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



59.1684, 0.2947, 0.3224



59.1684, 0.2955, 0.3159



59.1684, 0.3008, 0.3130

Triad

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



59.1684, 0.2955, 0.3159



59.1684, 0.3269, 0.3269



59.1684, 0.3159, 0.3443

Complementary

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



59.1684, 0.2955, 0.3159



60.4557, 0.3310, 0.3418

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.



59.1684, 0.3246, 0.3454



59.1684, 0.2955, 0.3159



59.1684, 0.3311, 0.3352

Square

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



59.1684, 0.2955, 0.3159



59.1684, 0.3189, 0.3194



59.1684, 0.3302, 0.3419



59.1684, 0.3064, 0.3390

Rectangle

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



59.1684, 0.2955, 0.3159



59.1684, 0.3063, 0.3134



59.1684, 0.3302, 0.3419



59.1684, 0.3190, 0.3452

Sweetspot

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



59.1709, 0.2955, 0.3159



96.3600, 0.3081, 0.3256



63.9301, 0.3042, 0.3447



20.4203, 0.3069, 0.3247



0.0000, 0.0000, 0.0000



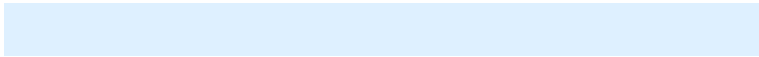
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1709, 0.2955, 0.3159



84.9274, 0.2924, 0.3134



53.7825, 0.2953, 0.3016



13.1115, 0.2982, 0.3180



10.6763, 0.1813, 0.1727



0.8087, 0.1895, 0.2020

Inverse Universe

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



56.0774, 0.3224, 0.3141



79.7022, 0.3243, 0.3113



66.1954, 0.3294, 0.3550



12.5321, 0.3207, 0.3164



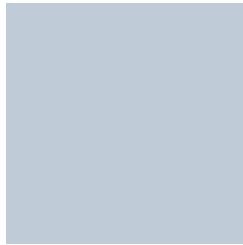
9.4226, 0.4773, 0.2403



0.5850, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 59.1684, 0.2955, 0.3159 looks on a white background.

Color Contrast Check

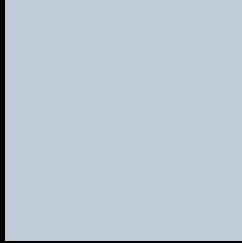
Large Text (above 18pt) WCAG AA × Fail

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 59.1684, 0.2955, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

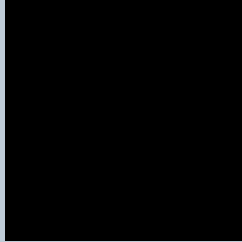
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

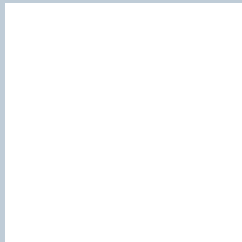
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1684, 0.2955, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 59.1684, 0.2955, 0.3159.

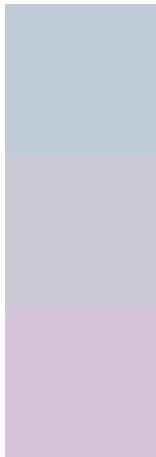


This preview shows how white text looks on a background with the Yxy color 59.1684, 0.2955, 0.3159.

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

59.1684, 0.2955, 0.3159

Protanopia

59.1339, 0.3050, 0.3150

Deuteranopia

58.9367, 0.3123, 0.3053



Tritanopia

59.0328, 0.2935, 0.3101

Trichromacy



Original Color

59.1684, 0.2955, 0.3159

Protanomaly

59.1019, 0.3013, 0.3149

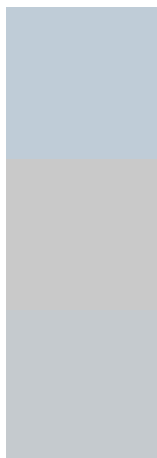
Deuteranomaly

58.9265, 0.3059, 0.3094

Tritanomaly

58.9803, 0.2942, 0.3112

Monochromacy



Original Color

59.1684, 0.2955, 0.3159

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5676, 0.3061, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1684, 0.2955, 0.3159 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, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 215)  
}
```

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, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 59.1684, 0.2955, 0.3159 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, 204, 215) }
```

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

```
.border{ border-color:rgb(191, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1684, 0.2955, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 215) }
```

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

```
.background{ background-color: rgb(191,  
204, 215) }
```

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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