

Converting Colors

Yxy(59.1253, 0.2991, 0.3164)

Have a look what the booklet for
Yxy(59.1253, 0.2991, 0.3164)
contains.

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Color

Yxy(59.1690, 0.2991, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	C3CBD6
RGB	195, 203, 214
RGB Percent	76%, 80%, 84%
CMY	0.2351, 0.2039, 0.1609
CMYK	0.09, 0.05, 0.00, 0.16
HSL	215°, 19%, 80%
HSV	215°, 9%, 84%
XYZ	56.0046, 59.1690, 72.0701
YIQ	201.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

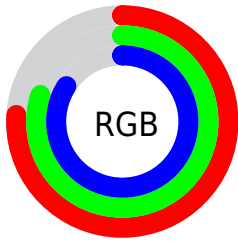
Format	Color
R_{YB}	195, 201, 214
Decimal	12831702
CIE Lab	81.38, -0.58, -6.39
CIE LCh	81, 6.421, 264.796
Yxy	59.1690, 0.2991, 0.3160
Android (android.graphics.Color)	4291021782 (0xFFC3CBD6)
YUV	201.8620, 5.9840, -6.0180
Hunter-Lab	76.9214, -4.6509, -1.7057

Details

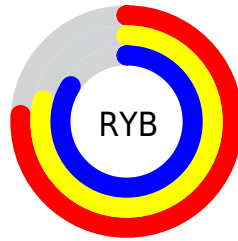
The Yxy color **59.1690, 0.2991, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3885, 0.3267, 0.3417**, and the grayscale version is **58.9424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **29.6608, 0.2956, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **50.8930, 0.2829, 0.2997**, and if you desaturate by 10%, it is **68.3277, 0.3144, 0.3306**.

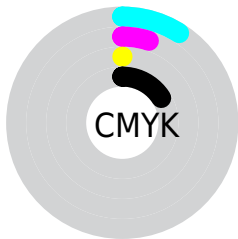
Distribution



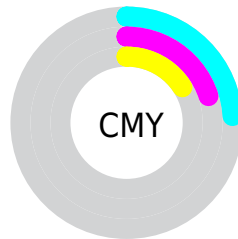
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1690, 0.2991, 0.3160 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 59.1690, 0.2991, 0.3160 by changing the saturation by 10% instead.

■ 59.1690, 0.2991,
0.3160

■ 59.1690, 0.2991,
0.3160

421.5279, 0.3056,
0.3222

■ 42.7492, 0.2976,
0.3145

103.6232, 0.3014,
0.3182

■ 29.6884, 0.2956,
0.3126

132.4265, 0.3023,
0.3191

■ 19.6022, 0.2931,
0.3102

166.1263, 0.3031,
0.3198

■ 12.1062, 0.2897,
0.3070

205.1071, 0.3037,
0.3204

■ 6.8160, 0.2849,
0.3024

249.7532, 0.3043,
0.3210

■ 3.3473, 0.2776,
0.2953

300.4492, 0.3048,

■ 1.3156, 0.2653,

0.3214

0.2833

357.5793, 0.3052,
0.3219

0.1533, 0.1463,
0.1705

0.0000, 0.0000,
0.0000

59.1690, 0.2991,
0.3160

59.1690, 0.2991,
0.3160

50.8930, 0.2829,
0.2997

68.3277, 0.3144,
0.3306

43.4640, 0.2661,
0.2815

78.3883, 0.3288,
0.3435

36.8546, 0.2491,
0.2618

88.5667, 0.3392,
0.3551

31.0330, 0.2322,
0.2406

96.1342, 0.3373,
0.3669

■ 25.9651, 0.2160,
0.2184

■ 97.6338, 0.3370,
0.3691

■ 21.6136, 0.2012,
0.1957

■ 17.9375, 0.1884,
0.1734

■ 14.8899, 0.1781,
0.1521

■ 12.4044, 0.1704,
0.1327

Harmonies

Analogous

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



59.1690, 0.2967, 0.3205



59.1690, 0.2991, 0.3160



59.1690, 0.3051, 0.3150

Triad

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



59.1690, 0.2991, 0.3160



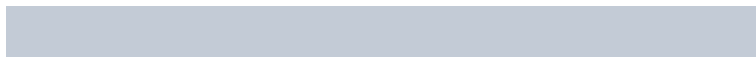
59.1690, 0.3272, 0.3303



59.1690, 0.3120, 0.3409

Complementary

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



59.1690, 0.2991, 0.3160



62.3885, 0.3267, 0.3417

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.



59.1690, 0.3202, 0.3435



59.1690, 0.2991, 0.3160



59.1690, 0.3290, 0.3372

Square

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



59.1690, 0.2991, 0.3160



59.1690, 0.3214, 0.3231



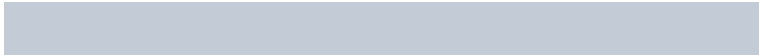
59.1690, 0.3265, 0.3421



59.1690, 0.3041, 0.3350

Rectangle

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



59.1690, 0.2991, 0.3160



59.1690, 0.3105, 0.3163



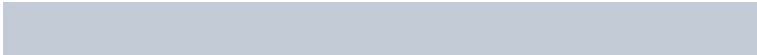
59.1690, 0.3265, 0.3421



59.1690, 0.3148, 0.3422

Sweetspot

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



59.1715, 0.2991, 0.3160



95.7796, 0.3081, 0.3247



64.1338, 0.3045, 0.3386



20.2638, 0.3069, 0.3235



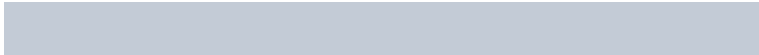
0.0000, 0.0000, 0.0000



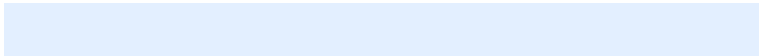
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1715, 0.2991, 0.3160



85.1189, 0.2955, 0.3125



55.6803, 0.3000, 0.3065



12.8574, 0.2982, 0.3151



7.5386, 0.1704, 0.1332



0.6164, 0.1798, 0.1674

Inverse Universe

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



57.6538, 0.3219, 0.3199



82.3870, 0.3246, 0.3174



66.1262, 0.3248, 0.3507



12.5065, 0.3226, 0.3192



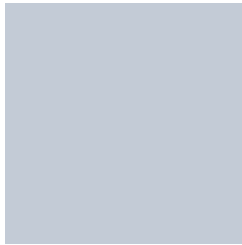
9.1059, 0.5282, 0.2683



0.5655, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 59.1690, 0.2991, 0.3160 looks on a white background.

Color Contrast Check

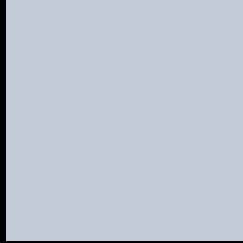
Large Text (above 18pt) WCAG AA × Fail

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 59.1690, 0.2991, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

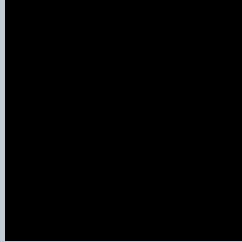
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

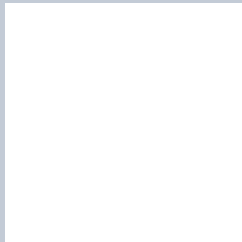
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1690, 0.2991, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 59.1690, 0.2991, 0.3160.

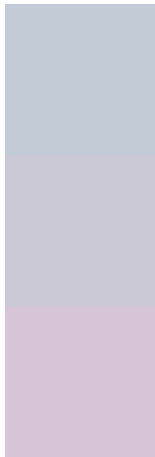


This preview shows how white text looks on a background with the Yxy color 59.1690, 0.2991, 0.3160.

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

59.1690, 0.2991, 0.3160

Protanopia

59.2739, 0.3057, 0.3150

Deuteranopia

58.9851, 0.3145, 0.3075



Tritanopia

59.0388, 0.2971, 0.3102

Trichromacy



Original Color

59.1690, 0.2991, 0.3160

Protanomaly

59.3245, 0.3035, 0.3161

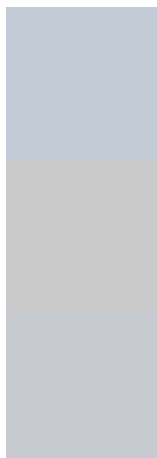
Deuteranomaly

59.1630, 0.3082, 0.3106

Tritanomaly

58.9866, 0.2977, 0.3113

Monochromacy



Original Color

59.1690, 0.2991, 0.3160

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8394, 0.3076, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1690, 0.2991, 0.3160 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(195, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 214)  
}
```

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(195, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 214) }
```

Border

The CSS property to change the border of an element to Yxy 59.1690, 0.2991, 0.3160 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(195, 203, 214) }
```

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

```
.border{ border-color:rgb(195, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1690, 0.2991, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 214) }
```

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

```
.background{ background-color: rgb(195,  
203, 214) }
```

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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