

Converting Colors

Yxy(59.5470, 0.2974, 0.3114)

Have a look what the booklet for
Yxy(59.5470, 0.2974, 0.3114)
contains.

Yxy(59.5096, 0.2971, 0.3114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.5096, 0.2971, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	C4CBDA
RGB	196, 203, 218
RGB Percent	77%, 80%, 85%
CMY	0.2313, 0.2039, 0.1451
CMYK	0.10, 0.07, 0.00, 0.15
HSL	221°, 23%, 81%
HSV	221°, 10%, 85%
XYZ	56.7768, 59.5096, 74.8170
YIQ	202.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

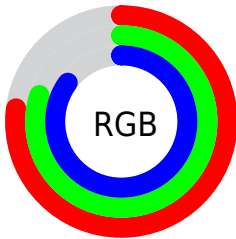
Format	Color
R _Y B	196, 201, 218
Decimal	12897242
CIE Lab	81.57, 0.53, -8.26
CIE LCh	82, 8.277, 273.682
Yxy	59.5096, 0.2971, 0.3114
Android (android.graphics.Color)	4291087322 (0xFFC4CBDA)
YUV	202.6170, 7.5838, -5.8031
Hunter-Lab	77.1425, -3.6234, -3.5030

Details

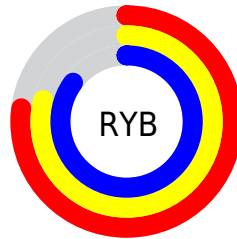
The Yxy color **59.5096, 0.2971, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4795, 0.3285, 0.3460**, and the grayscale version is **59.4263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **29.8900, 0.2930, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **50.1095, 0.2805, 0.2918**, and if you desaturate by 10%, it is **70.0128, 0.3126, 0.3289**.

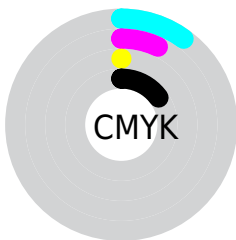
Distribution



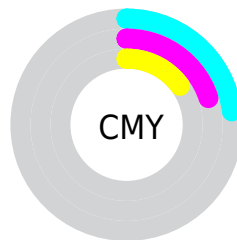
- Red (77%)
- Green (80%)
- Blue (85%)



- Red (77%)
- Yellow (79%)
- Blue (85%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5096, 0.2971, 0.3114 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 59.5096, 0.2971, 0.3114 by changing the saturation by 10% instead.

■ 59.5096, 0.2971,
0.3114

■ 59.5096, 0.2971,
0.3114

422.7878, 0.3046,
0.3198

■ 43.0235, 0.2953,
0.3094

104.1180, 0.2997,
0.3144

■ 29.9035, 0.2931,
0.3069

133.0090, 0.3008,
0.3155

■ 19.7654, 0.2902,
0.3037

166.8038, 0.3016,
0.3165

■ 12.2246, 0.2864,
0.2994

205.8867, 0.3024,
0.3173

■ 6.8968, 0.2809,
0.2933

250.6422, 0.3030,
0.3181

■ 3.3977, 0.2726,
0.2840

301.4546, 0.3036,

■ 1.3427, 0.2587,

0.3187

0.2685

358.7083, 0.3041,
0.3193

0.1739, 0.1593,
0.1554

0.0000, 0.0000,
0.0000

59.5096, 0.2971,
0.3114

59.5096, 0.2971,
0.3114

50.1095, 0.2805,
0.2918

70.0128, 0.3126,
0.3289

41.7678, 0.2630,
0.2700

81.6467, 0.3269,
0.3443

34.4479, 0.2449,
0.2463

93.2114, 0.3356,
0.3581

28.1078, 0.2268,
0.2210

97.8415, 0.3346,
0.3651

■ 22.7027, 0.2094,
0.1948

■ 18.1835, 0.1934,
0.1687

■ 14.4963, 0.1798,
0.1438

■ 11.5798, 0.1692,
0.1213

■ 9.3584, 0.1618,
0.1023

Harmonies

Analogous

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



59.5096, 0.2925, 0.3159



59.5096, 0.2971, 0.3114



59.5096, 0.3059, 0.3115

Triad

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



59.5096, 0.2971, 0.3114



59.5096, 0.3326, 0.3333



59.5096, 0.3086, 0.3424

Complementary

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



59.5096, 0.2971, 0.3114



65.4795, 0.3285, 0.3460

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.



59.5096, 0.3193, 0.3472



59.5096, 0.2971, 0.3114



59.5096, 0.3333, 0.3417

Square

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



59.5096, 0.2971, 0.3114



59.5096, 0.3265, 0.3240



59.5096, 0.3284, 0.3469



59.5096, 0.2990, 0.3339

Rectangle

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



59.5096, 0.2971, 0.3114



59.5096, 0.3130, 0.3141



59.5096, 0.3284, 0.3469



59.5096, 0.3121, 0.3445

Sweetspot

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



59.5121, 0.2971, 0.3114



95.2943, 0.3082, 0.3239



66.5622, 0.3019, 0.3375



20.1330, 0.3069, 0.3226



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.



59.5121, 0.2971, 0.3114



82.0521, 0.2938, 0.3076



56.7818, 0.2998, 0.3033



13.2898, 0.2981, 0.3126



5.7791, 0.1625, 0.1049



0.5269, 0.1716, 0.1378

Inverse Universe

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



58.7016, 0.3251, 0.3211



80.7347, 0.3279, 0.3194



68.4701, 0.3249, 0.3539



13.1194, 0.3242, 0.3216



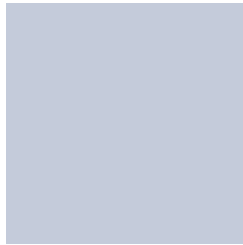
9.2072, 0.5686, 0.2906



0.6119, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 59.5096, 0.2971, 0.3114 looks on a white background.

Color Contrast Check

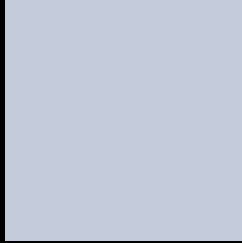
Large Text (above 18pt) WCAG AA × Fail

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 59.5096, 0.2971, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

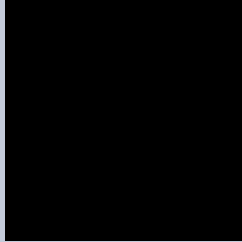
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

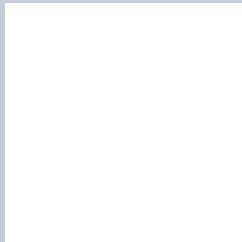
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5096, 0.2971, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 59.5096, 0.2971, 0.3114.

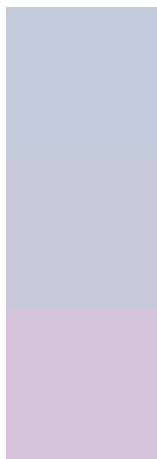


This preview shows how white text looks on a background with the Yxy color 59.5096, 0.2971, 0.3114.

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

59.5096, 0.2971, 0.3114

Protanopia

59.3396, 0.3022, 0.3104

Deuteranopia

59.4941, 0.3108, 0.3042



Tritanopia

59.5621, 0.2964, 0.3102

Trichromacy



Original Color

59.5096, 0.2971, 0.3114

Protanomaly

59.5302, 0.3007, 0.3115

Deuteranomaly

59.3712, 0.3053, 0.3061

Tritanomaly

59.5621, 0.2964, 0.3102

Monochromacy



Original Color

59.5096, 0.2971, 0.3114

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5453, 0.3069, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5096, 0.2971, 0.3114 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(196, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 218)  
}
```

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(196, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 218) }
```

Border

The CSS property to change the border of an element to Yxy 59.5096, 0.2971, 0.3114 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(196, 203, 218) }
```

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

```
.border{ border-color:rgb(196, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5096, 0.2971, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 218) }
```

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

```
.background{ background-color: rgb(196,  
203, 218) }
```

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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