

Converting Colors

Yxy(59.5329, 0.3020, 0.3194)

Have a look what the booklet for
Yxy(59.5329, 0.3020, 0.3194)
contains.

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Color

Yxy(59.8095, 0.3019, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	C5CCD4
RGB	197, 204, 212
RGB Percent	77%, 80%, 83%
CMY	0.2275, 0.2000, 0.1688
CMYK	0.07, 0.04, 0.00, 0.17
HSL	212°, 15%, 80%
HSV	212°, 7%, 83%
XYZ	56.4971, 59.8095, 70.8320
YIQ	202.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

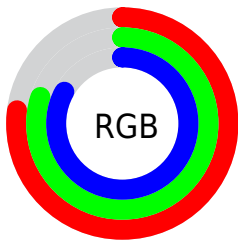
Format	Color
R _Y B	197, 202, 212
Decimal	12963028
CIE Lab	81.73, -0.87, -4.79
CIE LCh	82, 4.865, 259.743
Yxy	59.8095, 0.3019, 0.3196
Android (android.graphics.Color)	4291153108 (0xFFC5CCD4)
YUV	202.8190, 4.5262, -5.1033
Hunter-Lab	77.3366, -4.9384, -0.1676

Details

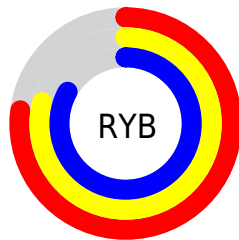
The Yxy color **59.8095, 0.3019, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6611, 0.3238, 0.3382**, and the grayscale version is **59.5753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.0867, 0.2993, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **51.9872, 0.2860, 0.3050**, and if you desaturate by 10%, it is **68.4263, 0.3171, 0.3327**.

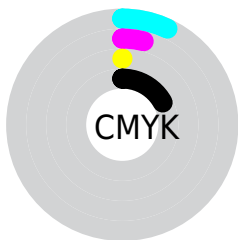
Distribution



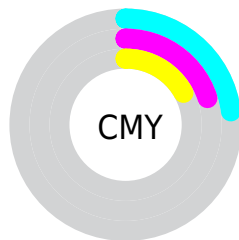
- Red (77%)
- Green (80%)
- Blue (83%)



- Red (77%)
- Yellow (79%)
- Blue (83%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8095, 0.3019, 0.3196 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 59.8095, 0.3019, 0.3196 by changing the saturation by 10% instead.

■ 59.8095, 0.3019,
0.3196

■ 59.8095, 0.3019,
0.3196

423.8952, 0.3071,
0.3241

■ 43.2651, 0.3007,
0.3185

104.5533, 0.3037,
0.3212

■ 30.0932, 0.2991,
0.3172

133.5214, 0.3044,
0.3218

■ 19.9093, 0.2971,
0.3154

167.3997, 0.3050,
0.3223

■ 12.3291, 0.2945,
0.3131

206.5723, 0.3056,
0.3228

■ 6.9683, 0.2907,
0.3097

251.4238, 0.3060,
0.3232

■ 3.4423, 0.2849,
0.3046

302.3385, 0.3064,

■ 1.3667, 0.2752,

0.3235

0.2959

359.7009, 0.3068,
0.3238

0.1920, 0.1799,
0.2140

0.0000, 0.0000,
0.0000

59.8095, 0.3019,
0.3196

59.8095, 0.3019,
0.3196

51.9872, 0.2860,
0.3050

68.4263, 0.3171,
0.3327

44.9271, 0.2696,
0.2887

77.8536, 0.3314,
0.3443

38.6053, 0.2529,
0.2710

87.0425, 0.3409,
0.3548

32.9939, 0.2365,
0.2519

93.7992, 0.3391,
0.3655

■ 28.0629, 0.2208,
0.2318

■ 97.5319, 0.3382,
0.3711

■ 23.7795, 0.2064,
0.2111

■ 20.1078, 0.1939,
0.1903

■ 17.0065, 0.1836,
0.1702

■ 14.4240, 0.1759,
0.1513

Harmonies

Analogous

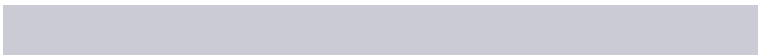
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8095, 0.3006, 0.3234



59.8095, 0.3019, 0.3196



59.8095, 0.3061, 0.3183

Triad

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



59.8095, 0.3019, 0.3196



59.8095, 0.3231, 0.3290



59.8095, 0.3133, 0.3385

Complementary

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



59.8095, 0.3019, 0.3196



61.6611, 0.3238, 0.3382

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.



59.8095, 0.3193, 0.3399



59.8095, 0.3019, 0.3196



59.8095, 0.3250, 0.3344

Square

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



59.8095, 0.3019, 0.3196



59.8095, 0.3183, 0.3237



59.8095, 0.3236, 0.3384



59.8095, 0.3071, 0.3344

Rectangle

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



59.8095, 0.3019, 0.3196



59.8095, 0.3100, 0.3190



59.8095, 0.3236, 0.3384



59.8095, 0.3154, 0.3393

Sweetspot

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



59.8120, 0.3019, 0.3196



97.3289, 0.3097, 0.3264



63.3349, 0.3067, 0.3375



20.8605, 0.3098, 0.3265



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.



59.8120, 0.3019, 0.3196



89.6128, 0.3003, 0.3182



56.5834, 0.3021, 0.3112



12.9588, 0.2982, 0.3163



8.6833, 0.1746, 0.1485



0.6886, 0.1837, 0.1811

Inverse Universe

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



58.2811, 0.3194, 0.3209



86.9893, 0.3204, 0.3197



65.0571, 0.3229, 0.3462



12.5167, 0.3218, 0.3181



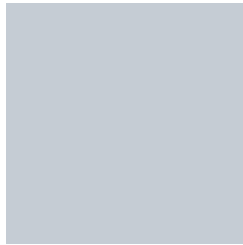
9.2214, 0.5079, 0.2572



0.5728, 0.4672, 0.2347

Previews

White Background



This preview shows how the Yxy color 59.8095, 0.3019, 0.3196 looks on a white background.

Color Contrast Check

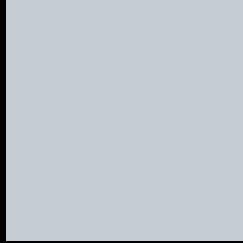
Large Text (above 18pt) WCAG AA × Fail

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 59.8095, 0.3019, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

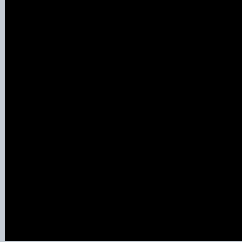
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

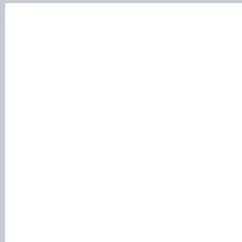
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8095, 0.3019, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 59.8095, 0.3019, 0.3196.



This preview shows how white text looks on a background with the Yxy color 59.8095, 0.3019, 0.3196.

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

59.8095, 0.3019, 0.3196

Protanopia

59.7816, 0.3079, 0.3185

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

59.8321, 0.2979, 0.3103

Trichromacy



Original Color

59.8095, 0.3019, 0.3196

Protanomaly

59.8325, 0.3056, 0.3196

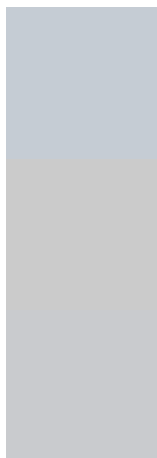
Deuteranomaly

59.8143, 0.3111, 0.3141

Tritanomaly

59.6755, 0.2999, 0.3138

Monochromacy



Original Color

59.8095, 0.3019, 0.3196

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5856, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8095, 0.3019, 0.3196 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(197, 204, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 212)  
}
```

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(197, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 212) }
```

Border

The CSS property to change the border of an element to Yxy 59.8095, 0.3019, 0.3196 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(197, 204, 212) }
```

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

```
.border{ border-color:rgb(197, 204, 212) }
```

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

Here you see how a box with a 4 pixel rgb(197, 204, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8095, 0.3019, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 212) }
```

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

```
.background{ background-color: rgb(197,  
204, 212) }
```

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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