

Converting Colors

Yxy(61.9670, 0.3000, 0.3162)

Have a look what the booklet for
Yxy(61.9670, 0.3000, 0.3162)
contains.

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Color

Yxy(61.9670, 0.3000, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C8CFDA
RGB	200, 207, 218
RGB Percent	78%, 81%, 85%
CMY	0.2156, 0.1882, 0.1450
CMYK	0.08, 0.05, 0.00, 0.14
HSL	217°, 20%, 82%
HSV	217°, 8%, 86%
XYZ	58.7922, 61.9670, 75.2148
YIQ	206.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

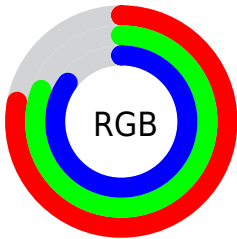
Format	Color
R _Y B	200, 205, 218
Decimal	13160410
CIE Lab	82.90, -0.25, -6.29
CIE LCh	83, 6.293, 267.680
Yxy	61.9670, 0.3000, 0.3162
Android (android.graphics.Color)	4291350490 (0xFFC8CFDA)
YUV	206.1610, 5.8366, -5.4032
Hunter-Lab	78.7191, -4.4438, -1.5473

Details

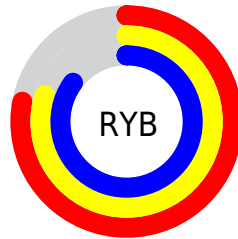
The Yxy color **61.9670, 0.3000, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6926, 0.3257, 0.3415**, and the grayscale version is **61.7989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5378, 0.2969, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **52.9810, 0.2838, 0.2990**, and if you desaturate by 10%, it is **71.9332, 0.3153, 0.3315**.

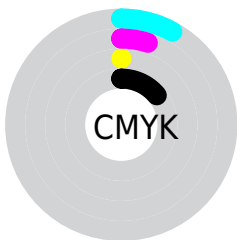
Distribution



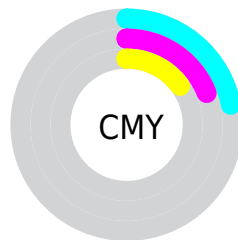
- Red (78%)
- Green (81%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9670, 0.3000, 0.3162 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 61.9670, 0.3000, 0.3162 by changing the saturation by 10% instead.

■ 61.9670, 0.3000,
0.3162

■ 61.9670, 0.3000,
0.3162

431.8107, 0.3060,
0.3223

■ 45.0060, 0.2986,
0.3148

107.6778, 0.3021,
0.3184

■ 31.4622, 0.2968,
0.3130

137.1965, 0.3030,
0.3192

■ 20.9510, 0.2945,
0.3106

171.6698, 0.3037,
0.3199

■ 13.0882, 0.2914,
0.3076

211.4823, 0.3043,
0.3205

■ 7.4893, 0.2871,
0.3032

257.0182, 0.3048,
0.3210

■ 3.7700, 0.2807,
0.2967

308.6620, 0.3053,

■ 1.5457, 0.2699,

0.3215

0.2857

366.7980, 0.3057,
0.3219

■ 0.3206, 0.2120,
0.2277

■ 0.0000, 0.0000,
0.0000

■ 61.9670, 0.3000,
0.3162

■ 61.9670, 0.3000,
0.3162

■ 52.9810, 0.2838,
0.2990

■ 71.9332, 0.3153,
0.3315

■ 44.9360, 0.2668,
0.2799

■ 82.9018, 0.3295,
0.3451

■ 37.8011, 0.2494,
0.2590

■ 92.8738, 0.3356,
0.3576

■ 31.5411, 0.2321,
0.2366

■ 97.8438, 0.3345,
0.3651

■ 26.1177, 0.2154,
0.2132

■ 21.4898, 0.2000,
0.1893

■ 17.6117, 0.1867,
0.1659

■ 14.4317, 0.1760,
0.1439

■ 11.8813, 0.1681,
0.1240

Harmonies

Analogous

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



61.9670, 0.2973, 0.3203



61.9670, 0.3000, 0.3162



61.9670, 0.3061, 0.3155

Triad

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



61.9670, 0.3000, 0.3162



61.9670, 0.3270, 0.3309



61.9670, 0.3112, 0.3400

Complementary

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



61.9670, 0.3000, 0.3162



65.6926, 0.3257, 0.3415

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.



61.9670, 0.3192, 0.3429



61.9670, 0.3000, 0.3162



61.9670, 0.3284, 0.3375

Square

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



61.9670, 0.3000, 0.3162



61.9670, 0.3217, 0.3240



61.9670, 0.3255, 0.3419



61.9670, 0.3037, 0.3341

Rectangle

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



61.9670, 0.3000, 0.3162



61.9670, 0.3113, 0.3171



61.9670, 0.3255, 0.3419



61.9670, 0.3140, 0.3414

Sweetspot

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



61.9696, 0.3000, 0.3162



97.0694, 0.3097, 0.3260



67.1360, 0.3046, 0.3373



20.8076, 0.3098, 0.3261



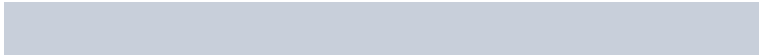
0.0000, 0.0000, 0.0000



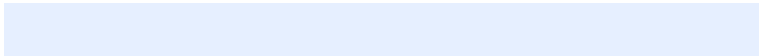
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9696, 0.3000, 0.3162



85.9206, 0.2971, 0.3132



58.9072, 0.3013, 0.3081



13.4410, 0.2981, 0.3143



7.0751, 0.1677, 0.1235



0.6226, 0.1767, 0.1563

Inverse Universe

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



60.7288, 0.3217, 0.3211



83.8307, 0.3239, 0.3193



68.9659, 0.3236, 0.3493



13.1347, 0.3231, 0.3200



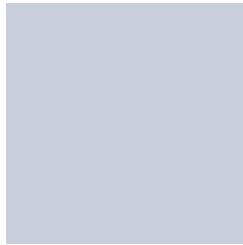
9.3380, 0.5417, 0.2758



0.6215, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 61.9670, 0.3000, 0.3162 looks on a white background.

Color Contrast Check

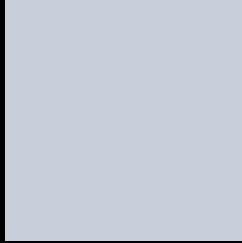
Large Text (above 18pt) WCAG AA × Fail

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 61.9670, 0.3000, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

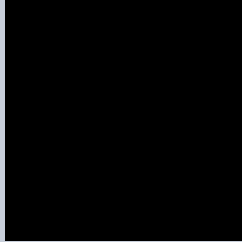
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

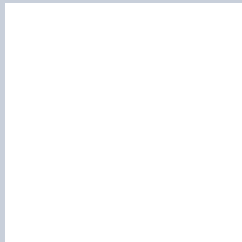
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9670, 0.3000, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 61.9670, 0.3000, 0.3162.

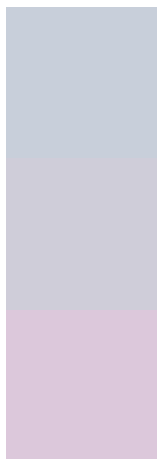


This preview shows how white text looks on a background with the Yxy color 61.9670, 0.3000, 0.3162.

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

61.9670, 0.3000, 0.3162

Protanopia

61.9378, 0.3059, 0.3153

Deuteranopia

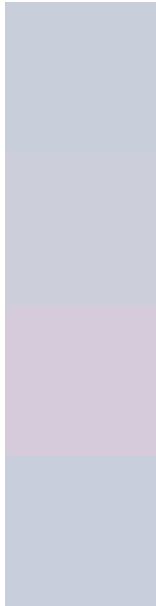
61.6387, 0.3145, 0.3079



Tritanopia

61.8878, 0.2974, 0.3095

Trichromacy



Original Color

61.9670, 0.3000, 0.3162

Protanomaly

61.9897, 0.3036, 0.3163

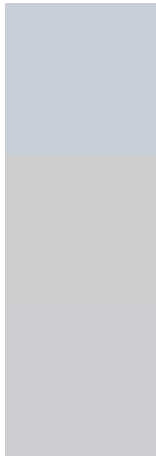
Deuteranomaly

61.9725, 0.3090, 0.3110

Tritanomaly

61.7806, 0.2987, 0.3117

Monochromacy



Original Color

61.9670, 0.3000, 0.3162

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6331, 0.3084, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9670, 0.3000, 0.3162 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(200, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 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(200, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.9670, 0.3000, 0.3162 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(200, 207, 218) }
```

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

```
.border{ border-color:rgb(200, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9670, 0.3000, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 218) }
```

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

```
.background{ background-color: rgb(200,  
207, 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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