

Converting Colors

Yxy(61.8416, 0.3019, 0.3225)

Have a look what the booklet for
Yxy(61.8416, 0.3019, 0.3225)
contains.

Yxy(61.9216, 0.3019, 0.3231)	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(61.9216, 0.3019, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C6D0D5
RGB	198, 208, 213
RGB Percent	78%, 82%, 84%
CMY	0.2235, 0.1843, 0.1646
CMYK	0.07, 0.02, 0.00, 0.16
HSL	200°, 15%, 81%
HSV	200°, 7%, 84%
XYZ	57.8587, 61.9216, 71.8682
YIQ	205.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

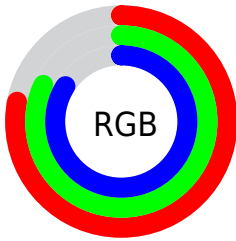
Format	Color
R _Y B	198, 204, 213
Decimal	13029589
CIE Lab	82.87, -2.42, -3.67
CIE LCh	83, 4.393, 236.608
Yxy	61.9216, 0.3019, 0.3231
Android (android.graphics.Color)	4291219669 (0xFFC6D0D5)
YUV	205.5800, 3.6581, -6.6477
Hunter-Lab	78.6903, -6.4622, 0.9334

Details

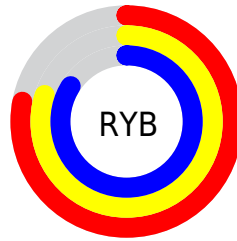
The Yxy color **61.9216, 0.3019, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9549, 0.3241, 0.3348**, and the grayscale version is **61.4219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5091, 0.2994, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **55.8320, 0.2864, 0.3140**, and if you desaturate by 10%, it is **68.5798, 0.3172, 0.3313**.

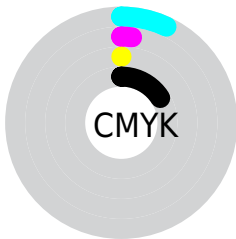
Distribution



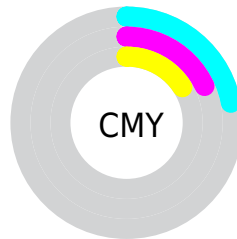
- Red (78%)
- Green (82%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9216, 0.3019, 0.3231 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 61.9216, 0.3019, 0.3231 by changing the saturation by 10% instead.

■ 61.9216, 0.3019,
0.3231

■ 61.9216, 0.3019,
0.3231

431.6451, 0.3070,
0.3259

■ 44.9694, 0.3007,
0.3224

107.6122, 0.3037,
0.3241

■ 31.4333, 0.2992,
0.3216

137.1194, 0.3044,
0.3245

■ 20.9290, 0.2972,
0.3205

171.5803, 0.3050,
0.3248

■ 13.0721, 0.2946,
0.3190

211.3794, 0.3055,
0.3251

■ 7.4782, 0.2910,
0.3169

256.9010, 0.3060,
0.3254

■ 3.7629, 0.2855,
0.3137

308.5295, 0.3064,

■ 1.5419, 0.2763,

0.3256

0.3083

366.6494, 0.3067,
0.3258

0.3179, 0.2090,
0.2732

0.0000, 0.0000,
0.0000

61.9216, 0.3019,
0.3231

61.9216, 0.3019,
0.3231

55.8320, 0.2864,
0.3140

68.5798, 0.3172,
0.3313

50.2842, 0.2711,
0.3039

75.8166, 0.3321,
0.3387

45.2606, 0.2561,
0.2931

82.3160, 0.3416,
0.3455

40.7397, 0.2419,
0.2815

86.3505, 0.3404,
0.3525

■ 36.6980, 0.2289,
0.2692

■ 90.5490, 0.3393,
0.3593

■ 33.1097, 0.2174,
0.2566

■ 94.9133, 0.3382,
0.3661

■ 29.9459, 0.2077,
0.2437

■ 97.5853, 0.3375,
0.3700

■ 27.1731, 0.2001,
0.2309

■ 24.7476, 0.1944,
0.2183

Harmonies

Analogous

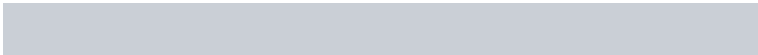
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9216, 0.3030, 0.3277



61.9216, 0.3019, 0.3231



61.9216, 0.3037, 0.3201

Triad

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



61.9216, 0.3019, 0.3231



61.9216, 0.3188, 0.3253



61.9216, 0.3175, 0.3387

Complementary

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



61.9216, 0.3019, 0.3231



60.9549, 0.3241, 0.3348

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.



61.9216, 0.3218, 0.3379



61.9216, 0.3019, 0.3231



61.9216, 0.3226, 0.3302

Square

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



61.9216, 0.3019, 0.3231



61.9216, 0.3135, 0.3214



61.9216, 0.3237, 0.3348



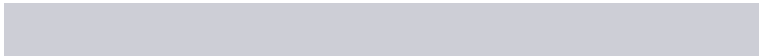
61.9216, 0.3119, 0.3368

Rectangle

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



61.9216, 0.3019, 0.3231



61.9216, 0.3063, 0.3194



61.9216, 0.3237, 0.3348



61.9216, 0.3191, 0.3387

Sweetspot

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



61.9242, 0.3019, 0.3231



97.9616, 0.3096, 0.3274



63.9200, 0.3085, 0.3407



20.9893, 0.3098, 0.3274



0.0000, 0.0000, 0.0000



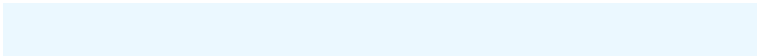
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9242, 0.3019, 0.3231



92.0562, 0.3003, 0.3222



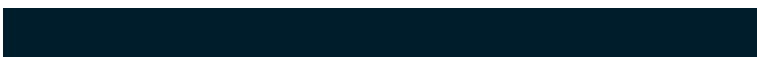
58.3586, 0.3020, 0.3142



13.3752, 0.2982, 0.3210



14.8983, 0.1935, 0.2164



1.0482, 0.1995, 0.2381

Inverse Universe

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



59.0964, 0.3172, 0.3176



87.2360, 0.3179, 0.3158



64.5784, 0.3233, 0.3433



12.5588, 0.3188, 0.3136



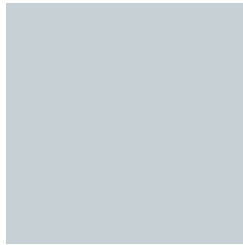
9.8488, 0.4271, 0.2127



0.6091, 0.4042, 0.2000

Previews

White Background



This preview shows how the Yxy color 61.9216, 0.3019, 0.3231 looks on a white background.

Color Contrast Check

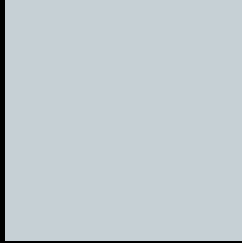
Large Text (above 18pt) WCAG AA × Fail

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 61.9216, 0.3019, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

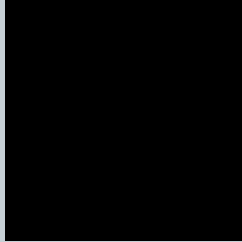
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

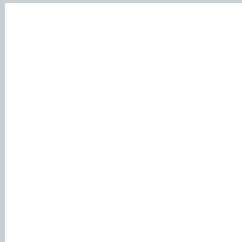
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9216, 0.3019, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 61.9216, 0.3019, 0.3231.



This preview shows how white text looks on a background with the Yxy color 61.9216, 0.3019, 0.3231.

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

61.9216, 0.3019, 0.3231

Protanopia

61.7757, 0.3108, 0.3221

Deuteranopia

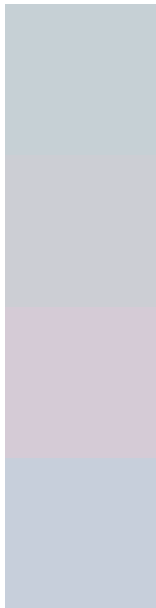
61.7444, 0.3189, 0.3124



Tritanopia

61.7497, 0.2967, 0.3094

Trichromacy



Original Color

61.9216, 0.3019, 0.3231

Protanomaly

61.7334, 0.3070, 0.3220

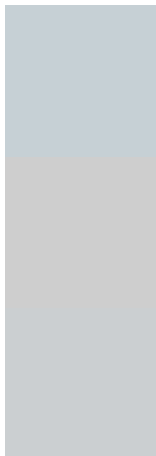
Deuteranomaly

61.7130, 0.3125, 0.3165

Tritanomaly

61.8822, 0.2986, 0.3151

Monochromacy



Original Color

61.9216, 0.3019, 0.3231

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9256, 0.3083, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9216, 0.3019, 0.3231 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(198, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 213)  
}
```

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(198, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.9216, 0.3019, 0.3231 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(198, 208, 213) }
```

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

```
.border{ border-color:rgb(198, 208, 213) }
```

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

Here you see how a box with a 4 pixel rgb(198, 208, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9216, 0.3019, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 213) }
```

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

```
.background{ background-color: rgb(198,  
208, 213) }
```

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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