

Converting Colors

$Yxy(60.0376, 0.3020, 0.3220)$

Have a look what the booklet for
Yxy(60.0376, 0.3020, 0.3220)
contains.

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Color

Yxy(60.1016, 0.3018, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDD3
RGB	196, 205, 211
RGB Percent	77%, 80%, 83%
CMY	0.2315, 0.1960, 0.1725
CMYK	0.07, 0.03, 0.00, 0.17
HSL	204°, 15%, 80%
HSV	204°, 7%, 83%
XYZ	56.3488, 60.1016, 70.2586
YIQ	202.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

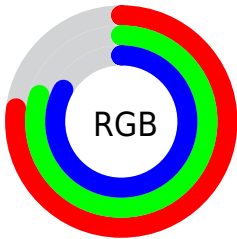
Format	Color
R _Y B	196, 202, 211
Decimal	12897747
CIE Lab	81.89, -1.92, -4.04
CIE LCh	82, 4.477, 244.613
Yxy	60.1016, 0.3018, 0.3219
Android (android.graphics.Color)	4291087827 (0xFFC4CDD3)
YUV	202.9930, 3.9475, -6.1329
Hunter-Lab	77.5252, -5.9275, 0.5351

Details

The Yxy color **60.1016, 0.3018, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0567, 0.3241, 0.3360**, and the grayscale version is **59.6936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.3183, 0.2983, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **53.5556, 0.2862, 0.3110**, and if you desaturate by 10%, it is **67.2668, 0.3171, 0.3317**.

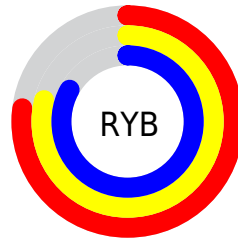
Distribution



Red (77%)

Green (80%)

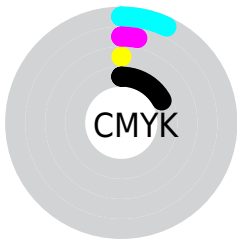
Blue (83%)



Red (77%)

Yellow (79%)

Blue (83%)

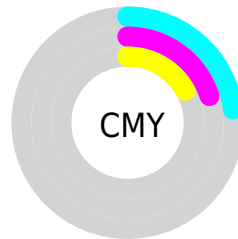


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (20%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1016, 0.3018, 0.3219 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 60.1016, 0.3018, 0.3219 by changing the saturation by 10% instead.

■ 60.1016, 0.3018,
0.3219

■ 60.1016, 0.3018,
0.3219

424.9722, 0.3070,
0.3253

■ 43.5005, 0.3006,
0.3211

104.9770, 0.3036,
0.3231

■ 30.2780, 0.2990,
0.3201

134.0202, 0.3044,
0.3236

■ 20.0497, 0.2970,
0.3187

167.9795, 0.3050,
0.3240

■ 12.4312, 0.2943,
0.3169

207.2394, 0.3055,
0.3243

■ 7.0381, 0.2905,
0.3144

252.1842, 0.3059,
0.3246

■ 3.4859, 0.2848,
0.3104

303.1983, 0.3063,

■ 1.3904, 0.2750,

0.3249

0.3037

360.6662, 0.3067,
0.3251

0.2096, 0.1745,
0.2401

0.0000, 0.0000,
0.0000

60.1016, 0.3018,
0.3219

60.1016, 0.3018,
0.3219

53.5556, 0.2862,
0.3110

67.2668, 0.3171,
0.3317

47.6012, 0.2705,
0.2990

75.0625, 0.3318,
0.3405

42.2200, 0.2550,
0.2859

82.6893, 0.3428,
0.3484

37.3892, 0.2401,
0.2719

87.4893, 0.3414,
0.3566

■ 33.0846, 0.2262,
0.2571

■ 92.5181, 0.3400,
0.3646

■ 29.2793, 0.2138,
0.2418

■ 97.4832, 0.3388,
0.3721

■ 25.9435, 0.2032,
0.2263

■ 23.0426, 0.1946,
0.2109

■ 20.5318, 0.1882,
0.1959

Harmonies

Analogous

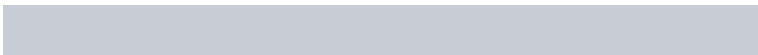
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1016, 0.3021, 0.3263



60.1016, 0.3018, 0.3219



60.1016, 0.3044, 0.3194

Triad

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



60.1016, 0.3018, 0.3219



60.1016, 0.3203, 0.3265



60.1016, 0.3161, 0.3387

Complementary

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



60.1016, 0.3018, 0.3219



60.0567, 0.3241, 0.3360

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.



60.1016, 0.3211, 0.3387



60.1016, 0.3018, 0.3219



60.1016, 0.3235, 0.3316

Square

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



60.1016, 0.3018, 0.3219



60.1016, 0.3151, 0.3221



60.1016, 0.3238, 0.3360



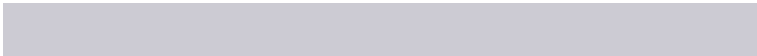
60.1016, 0.3103, 0.3361

Rectangle

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



60.1016, 0.3018, 0.3219



60.1016, 0.3074, 0.3192



60.1016, 0.3238, 0.3360



60.1016, 0.3180, 0.3390

Sweetspot

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



60.1041, 0.3018, 0.3219



97.7557, 0.3096, 0.3270



62.5729, 0.3080, 0.3400



20.9473, 0.3098, 0.3271



0.0000, 0.0000, 0.0000



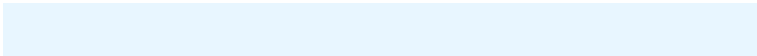
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1041, 0.3018, 0.3219



90.2072, 0.2987, 0.3198



56.6989, 0.3019, 0.3132



12.5835, 0.2983, 0.3195



12.1909, 0.1872, 0.1939



0.8345, 0.1948, 0.2213

Inverse Universe

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



57.7255, 0.3180, 0.3185



85.6463, 0.3195, 0.3156



63.5560, 0.3234, 0.3443



11.9259, 0.3198, 0.3151



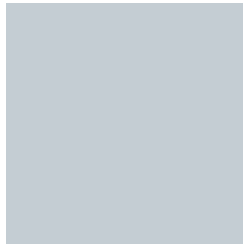
9.3019, 0.4523, 0.2265



0.5355, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 60.1016, 0.3018, 0.3219 looks on a white background.

Color Contrast Check

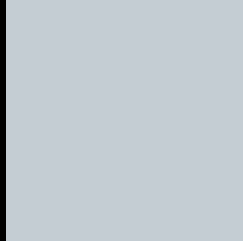
Large Text (above 18pt) WCAG AA × Fail

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 60.1016, 0.3018, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

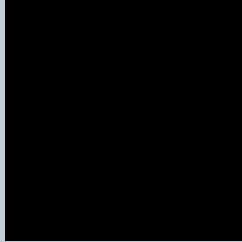
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

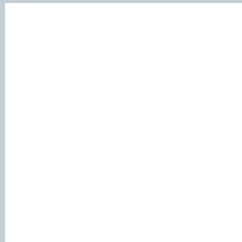
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1016, 0.3018, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 60.1016, 0.3018, 0.3219.



This preview shows how white text looks on a background with the Yxy color 60.1016, 0.3018, 0.3219.

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

60.1016, 0.3018, 0.3219

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.7967, 0.3183, 0.3110



Tritanopia

60.2234, 0.2965, 0.3103

Trichromacy



Original Color

60.1016, 0.3018, 0.3219

Protanomaly

59.9216, 0.3070, 0.3208

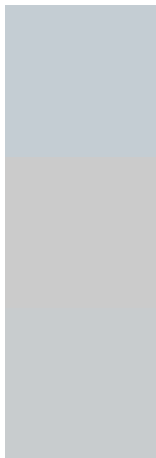
Deuteranomaly

59.9109, 0.3126, 0.3153

Tritanomaly

60.0658, 0.2985, 0.3138

Monochromacy



Original Color

60.1016, 0.3018, 0.3219

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9213, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1016, 0.3018, 0.3219 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, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 211)  
}
```

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, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.1016, 0.3018, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

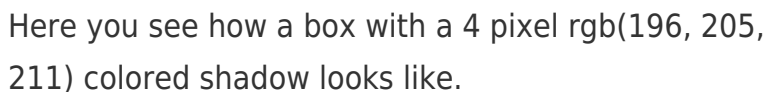
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 205, 211) }
```

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

```
.border{ border-color:rgb(196, 205, 211) }
```

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



Here you see how a box with a 4 pixel rgb(196, 205, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1016, 0.3018, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 211) }
```

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

```
.background{ background-color: rgb(196,  
205, 211) }
```

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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