

Converting Colors

Yxy(60.7463, 0.3049, 0.3194)

Have a look what the booklet for
Yxy(60.7463, 0.3049, 0.3194)
contains.

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Color

Yxy(61.0233, 0.3049, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	CACDD5
RGB	202, 205, 213
RGB Percent	79%, 80%, 84%
CMY	0.2078, 0.1961, 0.1647
CMYK	0.05, 0.04, 0.00, 0.16
HSL	224°, 12%, 81%
HSV	224°, 5%, 84%
XYZ	58.1983, 61.0233, 71.6551
YIQ	205.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

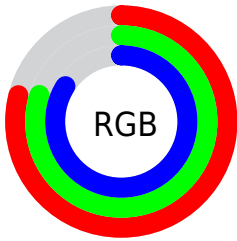
Format	Color
R _Y B	202, 204, 213
Decimal	13290965
CIE Lab	82.39, 0.48, -4.32
CIE LCh	82, 4.350, 276.346
Yxy	61.0233, 0.3049, 0.3197
Android (android.graphics.Color)	4291481045 (0xFFCACDD5)
YUV	205.0150, 3.9366, -2.6442
Hunter-Lab	78.1174, -3.7210, 0.2970

Details

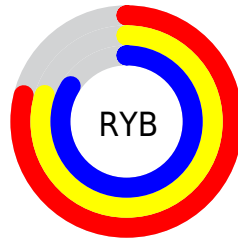
The Yxy color **61.0233, 0.3049, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4981, 0.3205, 0.3381**, and the grayscale version is **61.0385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.8977, 0.3033, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **51.2120, 0.2888, 0.2999**, and if you desaturate by 10%, it is **71.9829, 0.3197, 0.3372**.

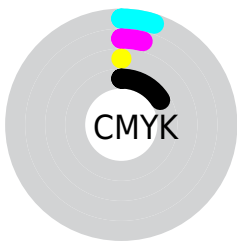
Distribution



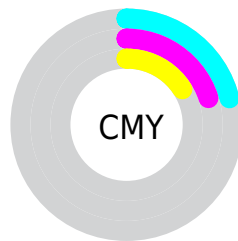
- Red (79%)
- Green (80%)
- Blue (84%)



- Red (79%)
- Yellow (80%)
- Blue (84%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0233, 0.3049, 0.3197 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 61.0233, 0.3049, 0.3197 by changing the saturation by 10% instead.

■ 61.0233, 0.3049,
0.3197

■ 61.0233, 0.3049,
0.3197

428.3594, 0.3086,
0.3241

■ 44.2440, 0.3040,
0.3187

106.3127, 0.3062,
0.3213

■ 30.8624, 0.3029,
0.3173

135.5915, 0.3067,
0.3219

■ 20.4941, 0.3015,
0.3156

169.8056, 0.3072,
0.3224

■ 12.7547, 0.2996,
0.3134

209.3394, 0.3075,
0.3228

■ 7.2598, 0.2968,
0.3102

254.5773, 0.3079,
0.3232

■ 3.6251, 0.2927,
0.3053

305.9037, 0.3082,

■ 1.4662, 0.2858,

0.3236

0.2971

363.7029, 0.3084,
0.3239

■ 0.2647, 0.2354,
0.2367

■ 0.0000, 0.0000,
0.0000

■ 61.0233, 0.3049,
0.3197

■ 61.0233, 0.3049,
0.3197

■ 51.2120, 0.2888,
0.2999

■ 71.9829, 0.3197,
0.3372

■ 42.5033, 0.2715,
0.2778

■ 84.1191, 0.3332,
0.3525

■ 34.8598, 0.2533,
0.2535

■ 95.3422, 0.3381,
0.3668

■ 28.2390, 0.2346,
0.2273

■ 97.5836, 0.3376,
0.3701

■ 22.5953, 0.2162,
0.1999

■ 17.8796, 0.1989,
0.1722

■ 14.0380, 0.1836,
0.1455

■ 11.0102, 0.1712,
0.1212

■ 8.7266, 0.1623,
0.1007

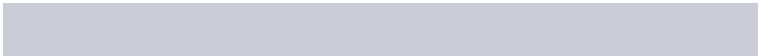
Harmonies

Analogous

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



61.0233, 0.3022, 0.3219



61.0233, 0.3049, 0.3197



61.0233, 0.3097, 0.3199

Triad

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



61.0233, 0.3049, 0.3197



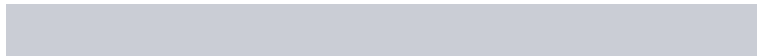
61.0233, 0.3232, 0.3318



61.0233, 0.3101, 0.3356

Complementary

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



61.0233, 0.3049, 0.3197



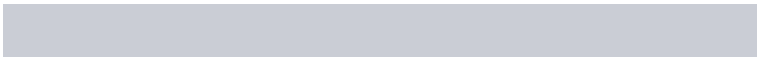
64.4981, 0.3205, 0.3381

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.



61.0233, 0.3157, 0.3383



61.0233, 0.3049, 0.3197



61.0233, 0.3233, 0.3360

Square

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



61.0233, 0.3049, 0.3197



61.0233, 0.3203, 0.3269



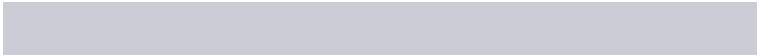
61.0233, 0.3206, 0.3384



61.0233, 0.3052, 0.3311

Rectangle

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



61.0233, 0.3049, 0.3197



61.0233, 0.3134, 0.3214



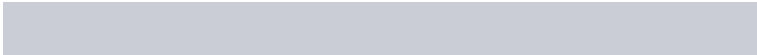
61.0233, 0.3206, 0.3384



61.0233, 0.3120, 0.3368

Sweetspot

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



61.0259, 0.3049, 0.3197



96.7028, 0.3097, 0.3254



64.7883, 0.3068, 0.3326



20.7330, 0.3098, 0.3256



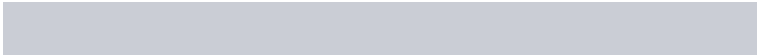
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



61.0259, 0.3049, 0.3197



90.3207, 0.3035, 0.3180



59.9390, 0.3068, 0.3163



13.1845, 0.3027, 0.3170



4.9399, 0.1596, 0.0946



0.4360, 0.1692, 0.1289

Inverse Universe

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



60.7962, 0.3191, 0.3256



89.9279, 0.3203, 0.3250



65.6399, 0.3185, 0.3416



13.1228, 0.3210, 0.3246



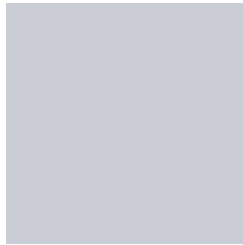
8.8435, 0.5841, 0.2992



0.5473, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 61.0233, 0.3049, 0.3197 looks on a white background.

Color Contrast Check

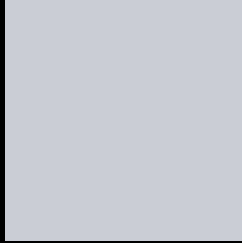
Large Text (above 18pt) WCAG AA × Fail

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 61.0233, 0.3049, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

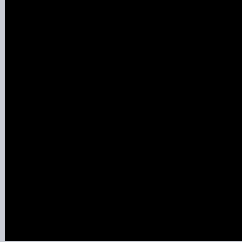
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

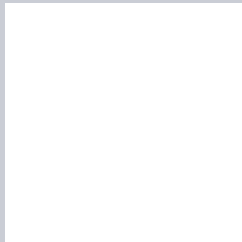
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0233, 0.3049, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 61.0233, 0.3049, 0.3197.

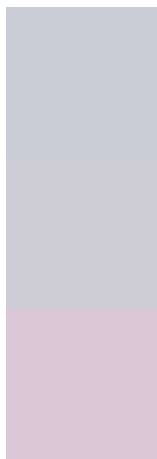


This preview shows how white text looks on a background with the Yxy color 61.0233, 0.3049, 0.3197.

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

61.0233, 0.3049, 0.3197

Protanopia

61.0610, 0.3086, 0.3198

Deuteranopia

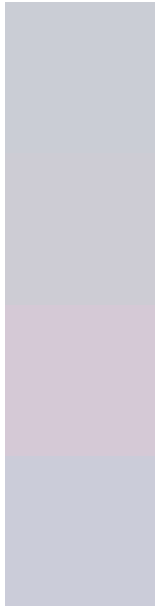
60.9175, 0.3182, 0.3122



Tritanopia

61.0495, 0.3009, 0.3106

Trichromacy



Original Color

61.0233, 0.3049, 0.3197

Protanomaly

60.9183, 0.3078, 0.3197

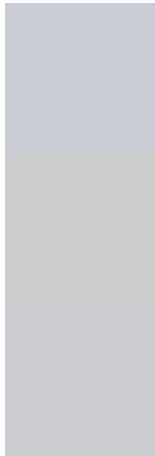
Deuteranomaly

60.7745, 0.3126, 0.3142

Tritanomaly

60.8920, 0.3029, 0.3140

Monochromacy



Original Color

61.0233, 0.3049, 0.3197

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0541, 0.3099, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0233, 0.3049, 0.3197 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(202, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.0233, 0.3049, 0.3197 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(202, 205, 213) }
```

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

```
.border{ border-color:rgb(202, 205, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0233, 0.3049, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 213) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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