

Converting Colors

$Yxy(61.2627, 0.2991, 0.3220)$

Have a look what the booklet for
Yxy(61.2627, 0.2991, 0.3220)
contains.

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Color

Yxy(61.5179, 0.2997, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C3D0D5
RGB	195, 208, 213
RGB Percent	76%, 82%, 84%
CMY	0.2355, 0.1842, 0.1647
CMYK	0.08, 0.02, 0.00, 0.16
HSL	197°, 18%, 80%
HSV	197°, 8%, 84%
XYZ	57.0626, 61.5179, 71.8185
YIQ	204.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

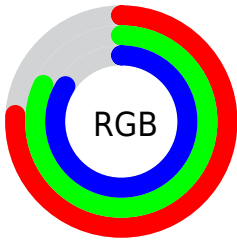
Format	Color
RYB	195, 203, 213
Decimal	12832981
CIELab	82.66, -3.44, -4.00
CIELCh	83, 5.276, 229.279
Yxy	61.5179, 0.2997, 0.3231
Android (android.graphics.Color)	4291023061 (0xFFC3D0D5)
YUV	204.6830, 4.1003, -8.4920
Hunter-Lab	78.4333, -7.3944, 0.6137

Details

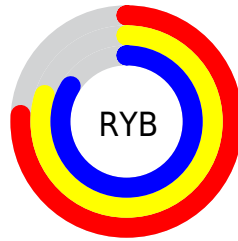
The Yxy color **61.5179, 0.2997, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3645, 0.3267, 0.3348**, and the grayscale version is **60.8135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **31.2425, 0.2965, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **56.0674, 0.2844, 0.3155**, and if you desaturate by 10%, it is **67.4847, 0.3151, 0.3300**.

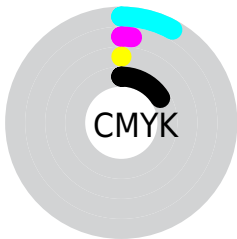
Distribution



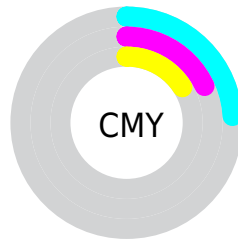
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5179, 0.2997, 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 61.5179, 0.2997, 0.3231 by changing the saturation by 10% instead.

■ 61.5179, 0.2997,
0.3231

■ 61.5179, 0.2997,
0.3231

430.1704, 0.3059,
0.3260

■ 44.6433, 0.2982,
0.3224

107.0285, 0.3019,
0.3241

■ 31.1765, 0.2964,
0.3216

136.4332, 0.3027,
0.3245

■ 20.7333, 0.2941,
0.3204

170.7834, 0.3034,
0.3248

■ 12.9292, 0.2909,
0.3189

210.4634, 0.3041,
0.3251

■ 7.3798, 0.2865,
0.3168

255.8578, 0.3046,
0.3254

■ 3.7007, 0.2799,
0.3135

307.3508, 0.3051,

■ 1.5076, 0.2688,

0.3256

0.3078

365.3268, 0.3055,
0.3258

0.2941, 0.1795,
0.2700

0.0000, 0.0000,
0.0000

61.5179, 0.2997,
0.3231

61.5179, 0.2997,
0.3231

56.0674, 0.2844,
0.3155

67.4847, 0.3151,
0.3300

51.1073, 0.2694,
0.3072

73.9771, 0.3302,
0.3362

46.6206, 0.2550,
0.2982

80.2758, 0.3422,
0.3418

42.5866, 0.2417,
0.2887

83.5242, 0.3412,
0.3476

■ 38.9824, 0.2296,
0.2787

■ 86.8834, 0.3403,
0.3534

■ 35.7828, 0.2192,
0.2684

■ 90.3544, 0.3394,
0.3591

■ 32.9594, 0.2107,
0.2579

■ 93.9383, 0.3384,
0.3646

■ 30.4790, 0.2042,
0.2475

■ 97.5843, 0.3376,
0.3701

■ 28.2916, 0.1995,
0.2373

Harmonies

Analogous

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



61.5179, 0.3018, 0.3289



61.5179, 0.2997, 0.3231



61.5179, 0.3011, 0.3189

Triad

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



61.5179, 0.2997, 0.3231



61.5179, 0.3186, 0.3233



61.5179, 0.3199, 0.3407

Complementary

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



61.5179, 0.2997, 0.3231



59.3645, 0.3267, 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.



61.5179, 0.3245, 0.3391



61.5179, 0.2997, 0.3231



61.5179, 0.3238, 0.3290

Square

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



61.5179, 0.2997, 0.3231



61.5179, 0.3119, 0.3191



61.5179, 0.3259, 0.3347



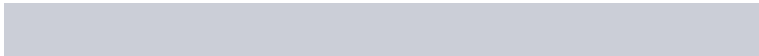
61.5179, 0.3134, 0.3392

Rectangle

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



61.5179, 0.2997, 0.3231



61.5179, 0.3037, 0.3177



61.5179, 0.3259, 0.3347



61.5179, 0.3217, 0.3405

Sweetspot

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



61.5205, 0.2997, 0.3231



97.2372, 0.3081, 0.3270



63.3451, 0.3085, 0.3447



20.6573, 0.3068, 0.3264



0.0000, 0.0000, 0.0000



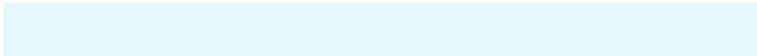
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5205, 0.2997, 0.3231



91.0688, 0.2972, 0.3219



57.3227, 0.2997, 0.3125



13.5009, 0.2982, 0.3224



17.2655, 0.1992, 0.2372



1.1768, 0.2042, 0.2549

Inverse Universe

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



57.7106, 0.3174, 0.3140



84.3504, 0.3184, 0.3110



63.5832, 0.3257, 0.3449



12.5715, 0.3179, 0.3123



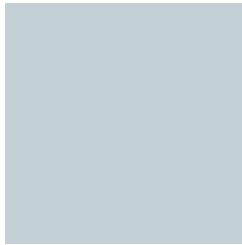
10.0878, 0.4052, 0.2006



0.6221, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 61.5179, 0.2997, 0.3231 looks on a white background.

Color Contrast Check

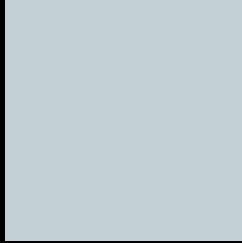
Large Text (above 18pt) WCAG AA × Fail

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 61.5179, 0.2997, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

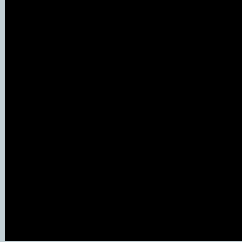
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

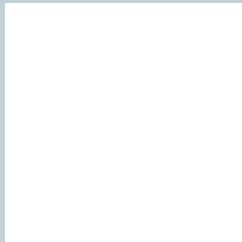
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5179, 0.2997, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 61.5179, 0.2997, 0.3231.

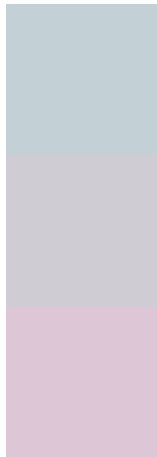


This preview shows how white text looks on a background with the Yxy color 61.5179, 0.2997, 0.3231.

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

61.5179, 0.2997, 0.3231

Protanopia

61.2988, 0.3108, 0.3209

Deuteranopia

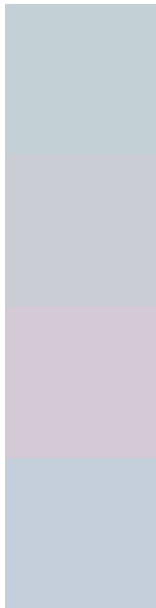
61.1253, 0.3182, 0.3112



Tritanopia

61.3406, 0.2945, 0.3093

Trichromacy



Original Color

61.5179, 0.2997, 0.3231

Protanomaly

61.1126, 0.3063, 0.3209

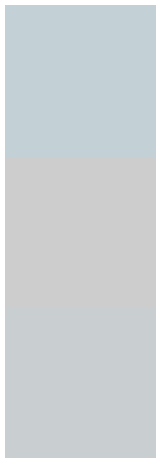
Deuteranomaly

61.0931, 0.3118, 0.3154

Tritanomaly

61.4759, 0.2965, 0.3150

Monochromacy



Original Color

61.5179, 0.2997, 0.3231

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1142, 0.3076, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5179, 0.2997, 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(195, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.5179, 0.2997, 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(195, 208, 213) }
```

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

```
.border{ border-color:rgb(195, 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(195, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 208,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5179, 0.2997, 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(195, 208, 213) }
```

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

```
.background{ background-color: rgb(195,  
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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