

Converting Colors

$Yxy(63.7143, 0.2972, 0.3196)$

Have a look what the booklet for
Yxy(63.7143, 0.2972, 0.3196)
contains.

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Color

Yxy(63.5733, 0.2972, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	C5D3DB
RGB	197, 211, 219
RGB Percent	77%, 83%, 86%
CMY	0.2276, 0.1725, 0.1411
CMYK	0.10, 0.04, 0.00, 0.14
HSL	202°, 23%, 82%
HSV	202°, 10%, 86%
XYZ	59.0991, 63.5733, 76.1806
YIQ	207.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

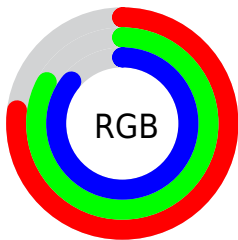
Format	Color
RYB	197, 206, 219
Decimal	12964827
CIELab	83.74, -3.17, -5.58
CIELCh	84, 6.417, 240.428
Yxy	63.5733, 0.2972, 0.3197
Android (android.graphics.Color)	4291154907 (0xFFC5D3DB)
YUV	207.7260, 5.5581, -9.4067
Hunter-Lab	79.7329, -7.2258, -0.8355

Details

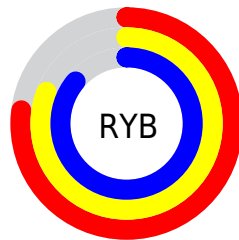
The Yxy color **63.5733, 0.2972, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7323, 0.3294, 0.3381**, and the grayscale version is **62.8564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.6339, 0.2934, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **56.9826, 0.2816, 0.3095**, and if you desaturate by 10%, it is **70.7938, 0.3126, 0.3289**.

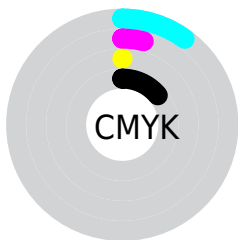
Distribution



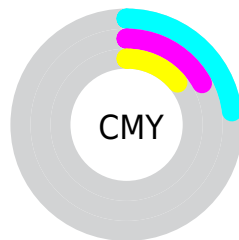
- Red (77%)
- Green (83%)
- Blue (86%)



- Red (77%)
- Yellow (81%)
- Blue (86%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5733, 0.2972, 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 63.5733, 0.2972, 0.3197 by changing the saturation by 10% instead.

■ 63.5733, 0.2972,
0.3197

■ 63.5733, 0.2972,
0.3197

437.6471, 0.3045,
0.3242

■ 46.3052, 0.2955,
0.3186

109.9962, 0.2998,
0.3213

■ 32.4867, 0.2934,
0.3173

139.9197, 0.3008,
0.3219

■ 21.7335, 0.2906,
0.3156

174.8305, 0.3016,
0.3224

■ 13.6612, 0.2870,
0.3133

215.1130, 0.3024,
0.3228

■ 7.8854, 0.2819,
0.3101

261.1515, 0.3030,
0.3232

■ 4.0217, 0.2743,
0.3053

313.3304, 0.3036,

■ 1.6857, 0.2619,

0.3236

0.2971

372.0341, 0.3041,
0.3239

0.4144, 0.2013,
0.2636

0.0000, 0.0000,
0.0000

63.5733, 0.2972,
0.3197

63.5733, 0.2972,
0.3197

56.9826, 0.2816,
0.3095

70.7938, 0.3126,
0.3289

50.9924, 0.2661,
0.2983

78.6560, 0.3276,
0.3372

45.5829, 0.2511,
0.2862

85.6995, 0.3367,
0.3448

40.7295, 0.2369,
0.2732

90.3446, 0.3356,
0.3525

■ 36.4060, 0.2239,
0.2597

■ 95.1953, 0.3345,
0.3601

■ 32.5832, 0.2125,
0.2458

■ 97.8951, 0.3339,
0.3641

■ 29.2279, 0.2030,
0.2317

■ 26.3017, 0.1956,
0.2178

■ 23.7544, 0.1901,
0.2042

Harmonies

Analogous

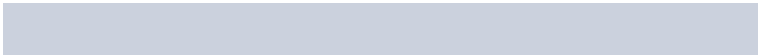
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.5733, 0.2982, 0.3262



63.5733, 0.2972, 0.3197



63.5733, 0.3003, 0.3158

Triad

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



63.5733, 0.2972, 0.3197



63.5733, 0.3225, 0.3245



63.5733, 0.3186, 0.3429

Complementary

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



63.5733, 0.2972, 0.3197



62.7323, 0.3294, 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.



63.5733, 0.3252, 0.3423



63.5733, 0.2972, 0.3197



63.5733, 0.3275, 0.3316

Square

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



63.5733, 0.2972, 0.3197



63.5733, 0.3148, 0.3187



63.5733, 0.3285, 0.3381



63.5733, 0.3105, 0.3397

Rectangle

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



63.5733, 0.2972, 0.3197



63.5733, 0.3043, 0.3152



63.5733, 0.3285, 0.3381



63.5733, 0.3211, 0.3431

Sweetspot

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



63.5760, 0.2972, 0.3197



96.8208, 0.3081, 0.3263



66.9259, 0.3065, 0.3457



20.5448, 0.3068, 0.3256



0.0000, 0.0000, 0.0000



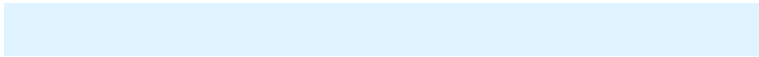
21.4041, 0.3127, 0.3290

Same Dimension

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



63.5760, 0.2972, 0.3197



87.7753, 0.2940, 0.3177



58.4121, 0.2971, 0.3070



13.9942, 0.2982, 0.3203



14.2985, 0.1906, 0.2063



1.0878, 0.1968, 0.2286

Inverse Universe

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



59.6796, 0.3198, 0.3132



81.3124, 0.3213, 0.3099



68.0510, 0.3280, 0.3501



13.1905, 0.3193, 0.3142



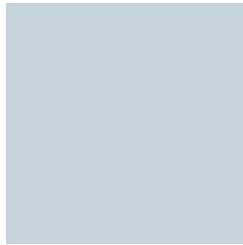
10.0672, 0.4382, 0.2188



0.6685, 0.4142, 0.2055

Previews

White Background



This preview shows how the Yxy color 63.5733, 0.2972, 0.3197 looks on a white background.

Color Contrast Check

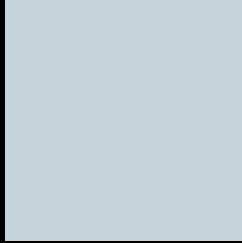
Large Text (above 18pt) WCAG AA × Fail

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 63.5733, 0.2972, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

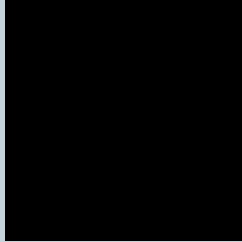
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

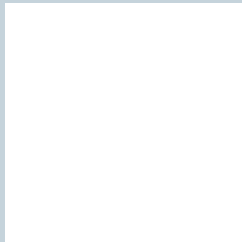
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5733, 0.2972, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 63.5733, 0.2972, 0.3197.



This preview shows how white text looks on a background with the Yxy color 63.5733, 0.2972, 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

63.5733, 0.2972, 0.3197

Protanopia

63.3370, 0.3080, 0.3177

Deuteranopia

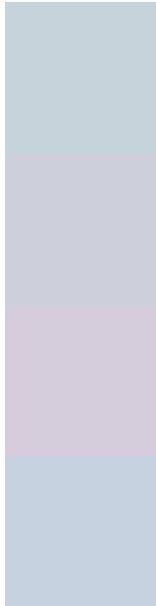
63.1495, 0.3152, 0.3081



Tritanopia

63.5899, 0.2934, 0.3106

Trichromacy



Original Color

63.5733, 0.2972, 0.3197

Protanomaly

63.1528, 0.3036, 0.3175

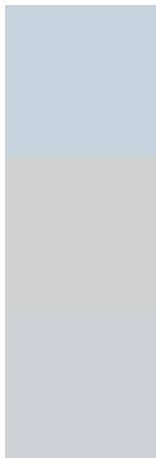
Deuteranomaly

63.1261, 0.3090, 0.3122

Tritanomaly

63.4267, 0.2953, 0.3140

Monochromacy



Original Color

63.5733, 0.2972, 0.3197

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1918, 0.3070, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5733, 0.2972, 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(197, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 219)  
}
```

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(197, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.5733, 0.2972, 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(197, 211, 219) }
```

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

```
.border{ border-color:rgb(197, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5733, 0.2972, 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(197, 211, 219) }
```

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

```
.background{ background-color: rgb(197,  
211, 219) }
```

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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