

Converting Colors

Yxy(64.5284, 0.2972, 0.3130)

Have a look what the booklet for
Yxy(64.5284, 0.2972, 0.3130)
contains.

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Color

Yxy(64.5813, 0.2969, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	CAD3E1
RGB	202, 211, 225
RGB Percent	79%, 83%, 88%
CMY	0.2078, 0.1725, 0.1178
CMYK	0.10, 0.06, 0.00, 0.12
HSL	216°, 28%, 84%
HSV	216°, 10%, 88%
XYZ	61.2398, 64.5813, 80.4430
YIQ	209.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

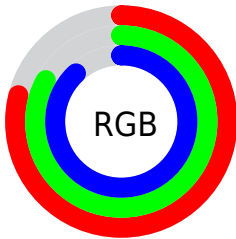
Format	Color
R _Y B	202, 208, 225
Decimal	13292513
CIE Lab	84.27, -0.34, -7.93
CIE LCh	84, 7.935, 267.578
Yxy	64.5813, 0.2969, 0.3131
Android (android.graphics.Color)	4291482593 (0xFFCAD3E1)
YUV	209.9050, 7.4418, -6.9327
Hunter-Lab	80.3625, -4.6094, -3.0957

Details

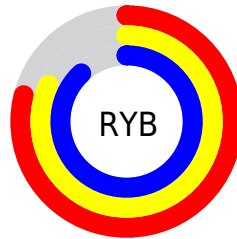
The Yxy color **64.5813, 0.2969, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3616, 0.3290, 0.3444**, and the grayscale version is **64.3397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3121, 0.2929, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **55.1601, 0.2805, 0.2956**, and if you desaturate by 10%, it is **75.0438, 0.3124, 0.3287**.

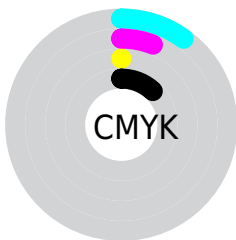
Distribution



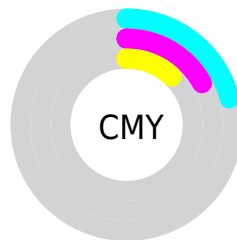
- Red (79%)
- Green (83%)
- Blue (88%)



- Red (79%)
- Yellow (82%)
- Blue (88%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5813, 0.2969, 0.3131 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 64.5813, 0.2969, 0.3131 by changing the saturation by 10% instead.

■ 64.5813, 0.2969,
0.3131

■ 64.5813, 0.2969,
0.3131

441.2858, 0.3044,
0.3206

■ 47.1216, 0.2952,
0.3113

111.4477, 0.2995,
0.3157

■ 33.1318, 0.2930,
0.3092

141.6232, 0.3005,
0.3168

■ 22.2275, 0.2902,
0.3064

176.8061, 0.3014,
0.3176

■ 14.0241, 0.2865,
0.3026

217.3809, 0.3021,
0.3184

■ 8.1374, 0.2814,
0.2975

263.7318, 0.3028,
0.3190

■ 4.1830, 0.2738,
0.2898

316.2434, 0.3034,

■ 1.7765, 0.2614,

0.3196

0.2772

375.2999, 0.3039,
0.3201

0.4724, 0.2220,
0.2379

0.0000, 0.0000,
0.0000

64.5813, 0.2969,
0.3131

64.5813, 0.2969,
0.3131

55.1601, 0.2805,
0.2956

75.0438, 0.3124,
0.3287

46.7382, 0.2634,
0.2763

86.5720, 0.3269,
0.3425

39.2821, 0.2460,
0.2552

96.3443, 0.3307,
0.3554

32.7534, 0.2288,
0.2326

98.2141, 0.3304,
0.3582

■ 27.1108, 0.2123,
0.2092

■ 22.3093, 0.1973,
0.1854

■ 18.2988, 0.1845,
0.1623

■ 15.0224, 0.1744,
0.1407

■ 12.4396, 0.1671,
0.1217

Harmonies

Analogous

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



64.5813, 0.2936, 0.3182



64.5813, 0.2969, 0.3131



64.5813, 0.3045, 0.3123

Triad

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



64.5813, 0.2969, 0.3131



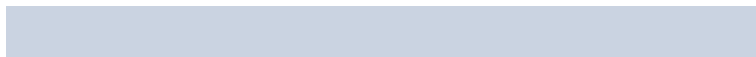
64.5813, 0.3305, 0.3313



64.5813, 0.3109, 0.3428

Complementary

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



64.5813, 0.2969, 0.3131



69.3616, 0.3290, 0.3444

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.



64.5813, 0.3208, 0.3463



64.5813, 0.2969, 0.3131



64.5813, 0.3323, 0.3395

Square

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



64.5813, 0.2969, 0.3131



64.5813, 0.3239, 0.3227



64.5813, 0.3287, 0.3450



64.5813, 0.3016, 0.3354

Rectangle

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



64.5813, 0.2969, 0.3131



64.5813, 0.3109, 0.3142



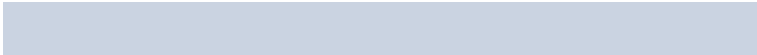
64.5813, 0.3287, 0.3450



64.5813, 0.3143, 0.3445

Sweetspot

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



64.5840, 0.2969, 0.3131



95.6455, 0.3081, 0.3245



71.3343, 0.3028, 0.3393



20.2276, 0.3069, 0.3233



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.



64.5840, 0.2969, 0.3131



83.3479, 0.2939, 0.3100



60.5623, 0.2985, 0.3028



14.1200, 0.2981, 0.3144



7.3829, 0.1679, 0.1245



0.6824, 0.1765, 0.1553

Inverse Universe

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



62.9520, 0.3240, 0.3191



80.8655, 0.3263, 0.3172



73.7292, 0.3262, 0.3542



13.7890, 0.3231, 0.3198



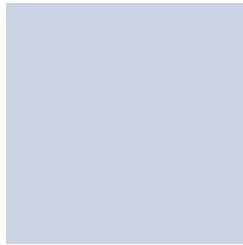
9.6533, 0.5403, 0.2750



0.6863, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 64.5813, 0.2969, 0.3131 looks on a white background.

Color Contrast Check

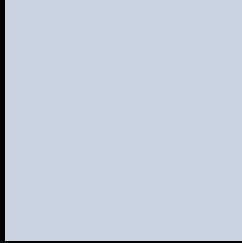
Large Text (above 18pt) WCAG AA × Fail

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 64.5813, 0.2969, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

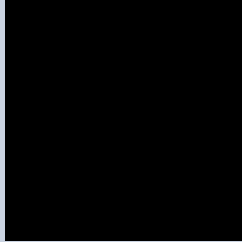
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

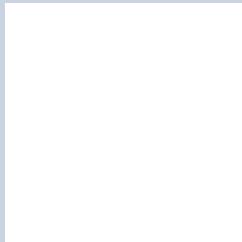
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5813, 0.2969, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 64.5813, 0.2969, 0.3131.

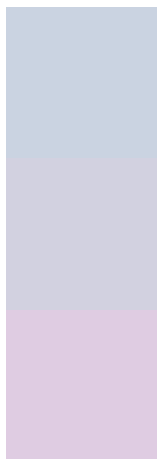


This preview shows how white text looks on a background with the Yxy color 64.5813, 0.2969, 0.3131.

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

64.5813, 0.2969, 0.3131

Protanopia

64.6844, 0.3032, 0.3122

Deuteranopia

64.3647, 0.3116, 0.3050



Tritanopia

64.6911, 0.2956, 0.3108

Trichromacy



Original Color

64.5813, 0.2969, 0.3131

Protanomaly

64.7404, 0.3011, 0.3132

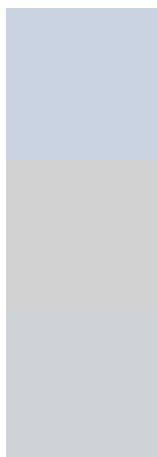
Deuteranomaly

64.5637, 0.3056, 0.3079

Tritanomaly

64.6361, 0.2962, 0.3119

Monochromacy



Original Color

64.5813, 0.2969, 0.3131

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2649, 0.3071, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5813, 0.2969, 0.3131 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, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 225)  
}
```

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, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 225) }
```

Border

The CSS property to change the border of an element to Yxy 64.5813, 0.2969, 0.3131 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, 211, 225) }
```

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

```
.border{ border-color:rgb(202, 211, 225) }
```

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

Here you see how a box with a 4 pixel rgb(202, 211, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5813, 0.2969, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 225) }
```

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

```
.background{ background-color: rgb(202,  
211, 225) }
```

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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