

Converting Colors

$Yxy(69.3396, 0.2949, 0.3208)$

Have a look what the booklet for
Yxy(69.3396, 0.2949, 0.3208)
contains.

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Color

Yxy(69.2053, 0.2944, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	C9DCE4
RGB	201, 220, 228
RGB Percent	79%, 86%, 89%
CMY	0.2120, 0.1372, 0.1059
CMYK	0.12, 0.03, 0.00, 0.11
HSL	198°, 33%, 84%
HSV	198°, 12%, 89%
XYZ	63.6689, 69.2053, 83.3924
YIQ	215.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

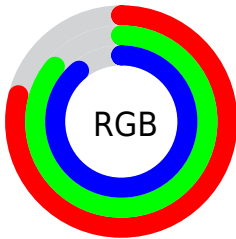
Format	Color
R _Y B	201, 212, 228
Decimal	13229284
CIE Lab	86.61, -4.78, -6.08
CIE LCh	87, 7.733, 231.842
Yxy	69.2053, 0.2944, 0.3200
Android (android.graphics.Color)	4291419364 (0xFFC9DCE4)
YUV	215.2310, 6.2951, -12.4806
Hunter-Lab	83.1897, -8.9679, -1.2016

Details

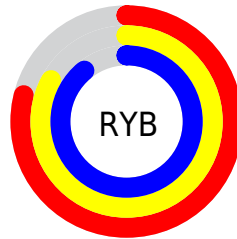
The Yxy color **69.2053, 0.2944, 0.3200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2566, 0.3330, 0.3378**, and the grayscale version is **68.0774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1304, 0.2899, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **62.8277, 0.2790, 0.3116**, and if you desaturate by 10%, it is **76.1990, 0.3098, 0.3277**.

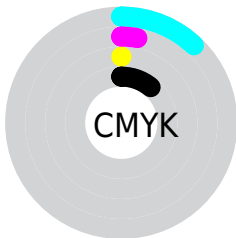
Distribution



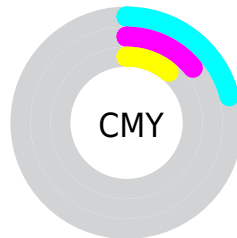
- Red (79%)
- Green (86%)
- Blue (89%)



- Red (79%)
- Yellow (83%)
- Blue (89%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2053, 0.2944, 0.3200 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 69.2053, 0.2944, 0.3200 by changing the saturation by 10% instead.

■ 69.2053, 0.2944,
0.3200

■ 69.2053, 0.2944,
0.3200

457.7547, 0.3029,
0.3243

■ 50.8789, 0.2924,
0.3190

118.0748, 0.2974,
0.3215

■ 36.1123, 0.2900,
0.3178

149.3866, 0.2985,
0.3221

■ 24.5209, 0.2870,
0.3162

185.7958, 0.2995,
0.3226

■ 15.7205, 0.2829,
0.3140

227.6866, 0.3004,
0.3230

■ 9.3266, 0.2774,
0.3111

275.4436, 0.3011,
0.3234

■ 4.9548, 0.2694,
0.3067

329.4509, 0.3018,

■ 2.2208, 0.2566,

0.3237

0.2995

390.0932, 0.3024,
0.3240

0.7313, 0.2264,
0.2863

0.0000, 0.0000,
0.0000

69.2053, 0.2944,
0.3200

69.2053, 0.2944,
0.3200

62.8277, 0.2790,
0.3116

76.1990, 0.3098,
0.3277

57.0353, 0.2640,
0.3024

83.8212, 0.3251,
0.3345

51.8073, 0.2498,
0.2925

89.2747, 0.3302,
0.3410

47.1179, 0.2365,
0.2821

93.3032, 0.3295,
0.3475

■ 42.9390, 0.2248,
0.2712

■ 97.4794, 0.3287,
0.3539

■ 39.2394, 0.2147,
0.2600

■ 98.3809, 0.3286,
0.3552

■ 35.9833, 0.2066,
0.2488

■ 33.1282, 0.2006,
0.2377

■ 31.0468, 0.1969,
0.2287

Harmonies

Analogous

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



69.2053, 0.2969, 0.3281



69.2053, 0.2944, 0.3200



69.2053, 0.2967, 0.3145

Triad

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



69.2053, 0.2944, 0.3200



69.2053, 0.3218, 0.3216



69.2053, 0.3221, 0.3456

Complementary

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



69.2053, 0.2944, 0.3200



66.2566, 0.3330, 0.3378

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.



69.2053, 0.3289, 0.3435



69.2053, 0.2944, 0.3200



69.2053, 0.3288, 0.3296

Square

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



69.2053, 0.2944, 0.3200



69.2053, 0.3124, 0.3155



69.2053, 0.3314, 0.3376



69.2053, 0.3128, 0.3431

Rectangle

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



69.2053, 0.2944, 0.3200



69.2053, 0.3007, 0.3130



69.2053, 0.3314, 0.3376



69.2053, 0.3248, 0.3454

Sweetspot

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



69.2082, 0.2944, 0.3200



96.2157, 0.3065, 0.3261



72.4728, 0.3064, 0.3510



20.4449, 0.3054, 0.3255



0.0000, 0.0000, 0.0000



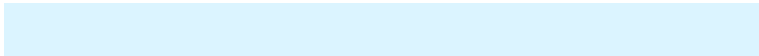
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2082, 0.2944, 0.3200



87.3237, 0.2910, 0.3182



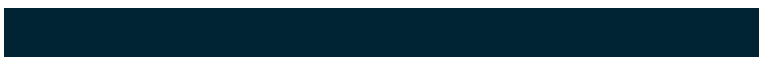
62.5351, 0.2941, 0.3048



15.5821, 0.2981, 0.3219



18.1443, 0.1973, 0.2304



1.5000, 0.2018, 0.2465

Inverse Universe

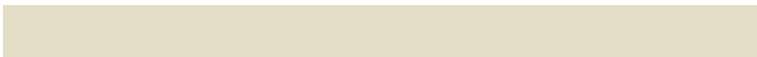
The Inverse Universe completely reimagines the original color for something new.



63.4025, 0.3198, 0.3083



78.6412, 0.3213, 0.3042



73.0162, 0.3312, 0.3521



14.5391, 0.3183, 0.3126



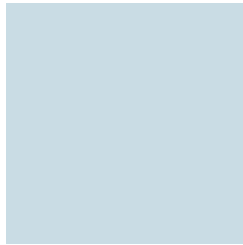
11.0294, 0.4122, 0.2044



0.8311, 0.3957, 0.1954

Previews

White Background



This preview shows how the Yxy color 69.2053, 0.2944, 0.3200 looks on a white background.

Color Contrast Check

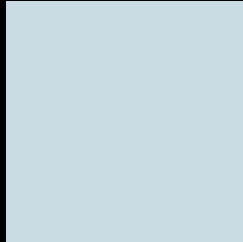
Large Text (above 18pt) WCAG AA × Fail

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 69.2053, 0.2944, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

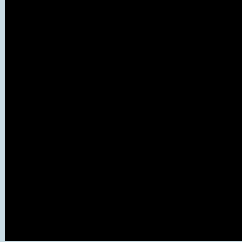
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

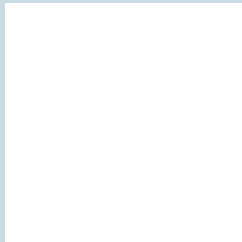
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2053, 0.2944, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 69.2053, 0.2944, 0.3200.



This preview shows how white text looks on a background with the Yxy color 69.2053, 0.2944, 0.3200.

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

69.2053, 0.2944, 0.3200

Protanopia

68.9425, 0.3082, 0.3180

Deuteranopia

68.7953, 0.3144, 0.3078



Tritanopia

69.2757, 0.2902, 0.3101

Trichromacy



Original Color

69.2053, 0.2944, 0.3200

Protanomaly

69.1137, 0.3032, 0.3190

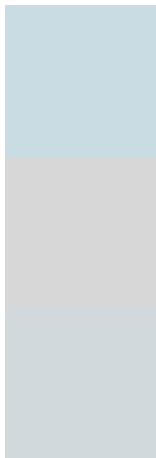
Deuteranomaly

68.9659, 0.3070, 0.3127

Tritanomaly

69.1028, 0.2920, 0.3133

Monochromacy



Original Color

69.2053, 0.2944, 0.3200

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.4947, 0.3057, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2053, 0.2944, 0.3200 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(201, 220, 228)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 228)  
}
```

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(201, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 228) }
```

Border

The CSS property to change the border of an element to Yxy 69.2053, 0.2944, 0.3200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

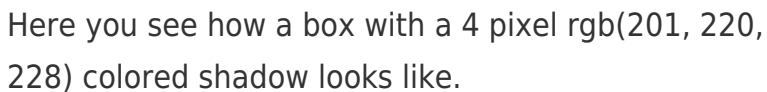
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 220, 228) }
```

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

```
.border{ border-color:rgb(201, 220, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 220, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 220, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 220, 228); box-shadow:4px 4px 4px 4px rgb(201, 220, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2053, 0.2944, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 228) }
```

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

```
.background{ background-color: rgb(201,  
220, 228) }
```

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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