

Converting Colors

Yxy(64.0965, 0.3004, 0.3231)

Have a look what the booklet for
Yxy(64.0965, 0.3004, 0.3231)
contains.

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Color

Yxy(64.2388, 0.3000, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4D9
RGB	199, 212, 217
RGB Percent	78%, 83%, 85%
CMY	0.2194, 0.1686, 0.1491
CMYK	0.08, 0.02, 0.00, 0.15
HSL	197°, 19%, 82%
HSV	197°, 8%, 85%
XYZ	59.6276, 64.2388, 74.8923
YIQ	208.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

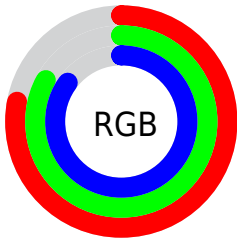
Format	Color
R _Y B	199, 207, 217
Decimal	13096153
CIE Lab	84.09, -3.39, -3.98
CIE LCh	84, 5.227, 229.522
Yxy	64.2388, 0.3000, 0.3232
Android (android.graphics.Color)	4291286233 (0xFFC7D4D9)
YUV	208.6830, 4.1003, -8.4920
Hunter-Lab	80.1491, -7.4644, 0.7031

Details

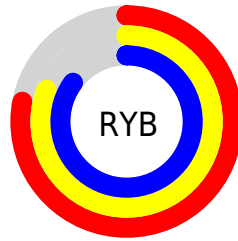
The Yxy color **64.2388, 0.3000, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0774, 0.3264, 0.3347**, and the grayscale version is **63.5256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7423, 0.2969, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **58.5194, 0.2847, 0.3155**, and if you desaturate by 10%, it is **70.4997, 0.3154, 0.3302**.

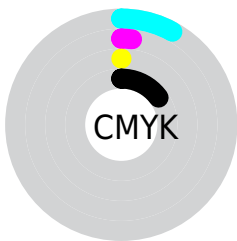
Distribution



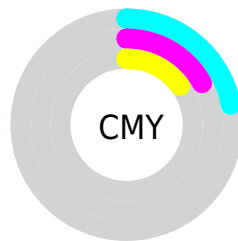
- Red (78%)
- Green (83%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2388, 0.3000, 0.3232 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 64.2388, 0.3000, 0.3232 by changing the saturation by 10% instead.

■ 64.2388, 0.3000,
0.3232

■ 64.2388, 0.3000,
0.3232

440.0515, 0.3060,
0.3260

■ 46.8441, 0.2986,
0.3225

110.9548, 0.3021,
0.3242

■ 32.9124, 0.2969,
0.3217

141.0449, 0.3029,
0.3246

■ 22.0594, 0.2946,
0.3206

176.1355, 0.3036,
0.3249

■ 13.9005, 0.2916,
0.3192

216.6112, 0.3042,
0.3252

■ 8.0515, 0.2875,
0.3172

262.8562, 0.3047,
0.3254

■ 4.1279, 0.2813,
0.3141

315.2550, 0.3052,

■ 1.7454, 0.2712,

0.3256

0.3090

374.1920, 0.3056,
0.3258

0.4528, 0.2212,
0.2882

0.0000, 0.0000,
0.0000

64.2388, 0.3000,
0.3232

64.2388, 0.3000,
0.3232

58.5194, 0.2847,
0.3155

70.4997, 0.3154,
0.3302

53.3143, 0.2696,
0.3072

77.3120, 0.3305,
0.3364

48.6059, 0.2552,
0.2981

82.9206, 0.3388,
0.3422

44.3724, 0.2418,
0.2885

86.3408, 0.3379,
0.3481

■ 40.5899, 0.2297,
0.2784

■ 89.8785, 0.3370,
0.3540

■ 37.2322, 0.2192,
0.2681

■ 93.5348, 0.3361,
0.3597

■ 34.2694, 0.2106,
0.2575

■ 97.3109, 0.3353,
0.3654

■ 31.6668, 0.2040,
0.2470

■ 97.7891, 0.3352,
0.3661

■ 29.3740, 0.1993,
0.2367

Harmonies

Analogous

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



64.2388, 0.3020, 0.3289



64.2388, 0.3000, 0.3232



64.2388, 0.3013, 0.3192

Triad

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



64.2388, 0.3000, 0.3232



64.2388, 0.3185, 0.3234



64.2388, 0.3197, 0.3405

Complementary

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



64.2388, 0.3000, 0.3232



62.0774, 0.3264, 0.3347

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.



64.2388, 0.3242, 0.3388



64.2388, 0.3000, 0.3232



64.2388, 0.3235, 0.3290

Square

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



64.2388, 0.3000, 0.3232



64.2388, 0.3120, 0.3194



64.2388, 0.3256, 0.3346



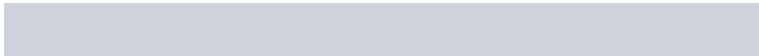
64.2388, 0.3133, 0.3390

Rectangle

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



64.2388, 0.3000, 0.3232



64.2388, 0.3040, 0.3179



64.2388, 0.3256, 0.3346



64.2388, 0.3215, 0.3403

Sweetspot

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



64.2415, 0.3000, 0.3232



98.1436, 0.3096, 0.3276



66.1183, 0.3086, 0.3443



21.0263, 0.3098, 0.3277



0.0000, 0.0000, 0.0000



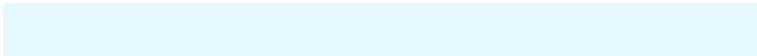
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2415, 0.3000, 0.3232



91.0375, 0.2972, 0.3219



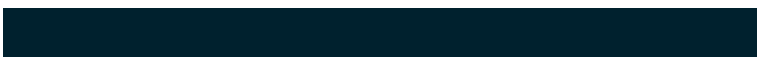
59.9775, 0.3000, 0.3129



14.1852, 0.2982, 0.3223



17.7410, 0.1990, 0.2364



1.2915, 0.2037, 0.2533

Inverse Universe

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



60.3695, 0.3173, 0.3144



84.3472, 0.3184, 0.3111



66.3631, 0.3254, 0.3446



13.2098, 0.3180, 0.3123



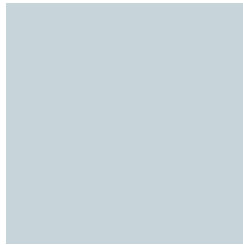
10.4147, 0.4060, 0.2010



0.6891, 0.3890, 0.1917

Previews

White Background



This preview shows how the Yxy color 64.2388, 0.3000, 0.3232 looks on a white background.

Color Contrast Check

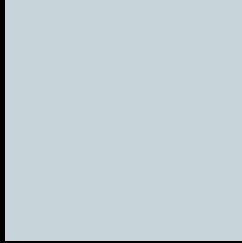
Large Text (above 18pt) WCAG AA × Fail

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 64.2388, 0.3000, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

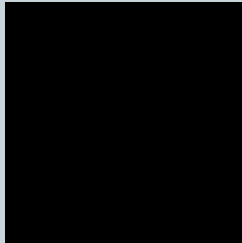
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

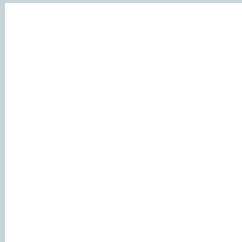
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2388, 0.3000, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 64.2388, 0.3000, 0.3232.



This preview shows how white text looks on a background with the Yxy color 64.2388, 0.3000, 0.3232.

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

64.2388, 0.3000, 0.3232

Protanopia

64.0151, 0.3108, 0.3211

Deuteranopia

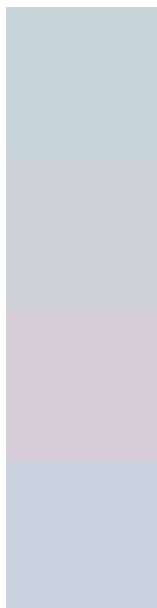
63.9951, 0.3189, 0.3115



Tritanopia

64.0567, 0.2949, 0.3096

Trichromacy



Original Color

64.2388, 0.3000, 0.3232

Protanomaly

63.8242, 0.3064, 0.3210

Deuteranomaly

63.8035, 0.3118, 0.3156

Tritanomaly

64.1956, 0.2968, 0.3152

Monochromacy



Original Color

64.2388, 0.3000, 0.3232

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8258, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2388, 0.3000, 0.3232 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(199, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 217)  
}
```

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(199, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 217) }
```

Border

The CSS property to change the border of an element to Yxy 64.2388, 0.3000, 0.3232 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(199, 212, 217) }
```

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

```
.border{ border-color:rgb(199, 212, 217) }
```

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

Here you see how a box with a 4 pixel rgb(199, 212, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2388, 0.3000, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 217) }
```

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

```
.background{ background-color: rgb(199,  
212, 217) }
```

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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