

Converting Colors

Yxy(64.0153, 0.3022, 0.3227)

Have a look what the booklet for
Yxy(64.0153, 0.3022, 0.3227)
contains.

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Color

Yxy(64.1030, 0.3028, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	CAD3D8
RGB	202, 211, 216
RGB Percent	79%, 83%, 85%
CMY	0.2076, 0.1726, 0.1529
CMYK	0.06, 0.02, 0.00, 0.15
HSL	202°, 15%, 82%
HSV	202°, 6%, 85%
XYZ	60.0569, 64.1030, 74.1786
YIQ	208.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

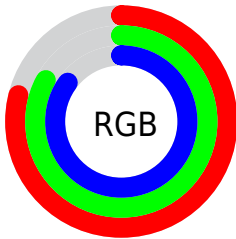
Format	Color
R _Y B	202, 207, 216
Decimal	13292504
CIE Lab	84.02, -2.06, -3.54
CIE LCh	84, 4.094, 239.718
Yxy	64.1030, 0.3028, 0.3232
Android (android.graphics.Color)	4291482584 (0xFFCAD3D8)
YUV	208.8790, 3.5107, -6.0329
Hunter-Lab	80.0643, -6.2184, 1.1136

Details

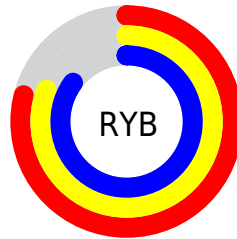
The Yxy color **64.1030, 0.3028, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5268, 0.3231, 0.3347**, and the grayscale version is **63.6641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9831, 0.3006, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **57.5330, 0.2873, 0.3134**, and if you desaturate by 10%, it is **71.2867, 0.3181, 0.3320**.

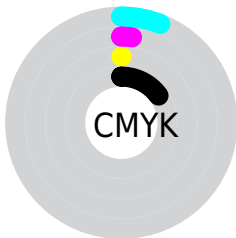
Distribution



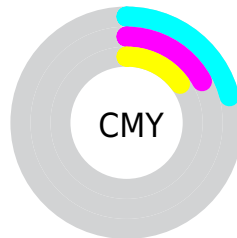
- Red (79%)
- Green (83%)
- Blue (85%)



- Red (79%)
- Yellow (81%)
- Blue (85%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1030, 0.3028, 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 64.1030, 0.3028, 0.3232 by changing the saturation by 10% instead.

■ 64.1030, 0.3028,
0.3232

■ 64.1030, 0.3028,
0.3232

439.5615, 0.3075,
0.3260

■ 46.7341, 0.3017,
0.3225

110.7593, 0.3044,
0.3242

■ 32.8255, 0.3003,
0.3217

140.8154, 0.3051,
0.3246

■ 21.9928, 0.2986,
0.3207

175.8694, 0.3056,
0.3249

■ 13.8516, 0.2962,
0.3193

216.3057, 0.3061,
0.3252

■ 8.0175, 0.2930,
0.3173

262.5087, 0.3065,
0.3254

■ 4.1062, 0.2881,
0.3143

314.8627, 0.3069,

■ 1.7331, 0.2801,

0.3256

0.3093

373.7522, 0.3072,
0.3258

0.4450, 0.2405,
0.2872

0.0000, 0.0000,
0.0000

64.1030, 0.3028,
0.3232

64.1030, 0.3028,
0.3232

57.5330, 0.2873,
0.3134

71.2867, 0.3181,
0.3320

51.5485, 0.2717,
0.3027

79.0950, 0.3329,
0.3399

46.1311, 0.2565,
0.2910

85.2305, 0.3388,
0.3473

41.2578, 0.2420,
0.2785

89.7580, 0.3376,
0.3548

■ 36.9040, 0.2286,
0.2653

■ 94.4820, 0.3365,
0.3622

■ 33.0425, 0.2166,
0.2516

■ 97.7383, 0.3357,
0.3671

■ 29.6432, 0.2064,
0.2377

■ 26.6710, 0.1983,
0.2238

■ 24.0822, 0.1923,
0.2102

Harmonies

Analogous

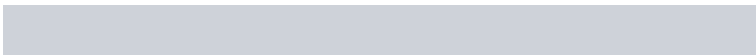
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1030, 0.3035, 0.3273



64.1030, 0.3028, 0.3232



64.1030, 0.3047, 0.3207

Triad

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



64.1030, 0.3028, 0.3232



64.1030, 0.3188, 0.3260



64.1030, 0.3166, 0.3378

Complementary

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



64.1030, 0.3028, 0.3232



63.5268, 0.3231, 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.



64.1030, 0.3207, 0.3374



64.1030, 0.3028, 0.3232



64.1030, 0.3220, 0.3306

Square

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



64.1030, 0.3028, 0.3232



64.1030, 0.3140, 0.3223



64.1030, 0.3228, 0.3347



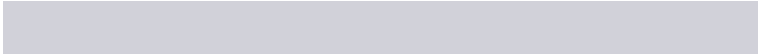
64.1030, 0.3114, 0.3359

Rectangle

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



64.1030, 0.3028, 0.3232



64.1030, 0.3073, 0.3202



64.1030, 0.3228, 0.3347



64.1030, 0.3182, 0.3380

Sweetspot

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



64.1057, 0.3028, 0.3232



97.8810, 0.3096, 0.3272



66.1820, 0.3087, 0.3395



20.9729, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



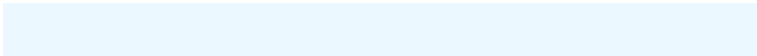
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1057, 0.3028, 0.3232



91.7428, 0.3003, 0.3217



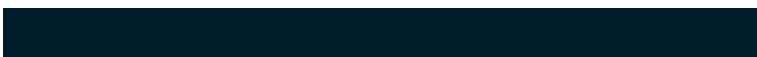
60.7769, 0.3029, 0.3152



13.3217, 0.2982, 0.3204



13.9606, 0.1910, 0.2075



0.9963, 0.1975, 0.2309

Inverse Universe

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



61.5683, 0.3171, 0.3189



87.2044, 0.3182, 0.3163



66.9173, 0.3224, 0.3424



12.5534, 0.3192, 0.3142



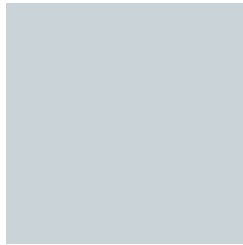
9.7542, 0.4369, 0.2180



0.6039, 0.4117, 0.2042

Previews

White Background



This preview shows how the Yxy color 64.1030, 0.3028, 0.3232 looks on a white background.

Color Contrast Check

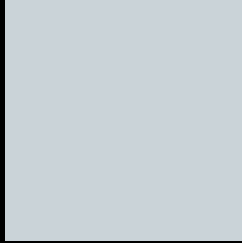
Large Text (above 18pt) WCAG AA × Fail

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 64.1030, 0.3028, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

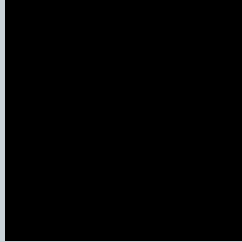
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

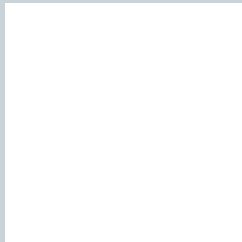
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1030, 0.3028, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 64.1030, 0.3028, 0.3232.

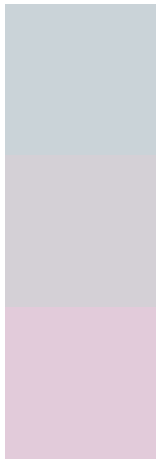


This preview shows how white text looks on a background with the Yxy color 64.1030, 0.3028, 0.3232.

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

64.1030, 0.3028, 0.3232

Protanopia

63.9638, 0.3115, 0.3222

Deuteranopia

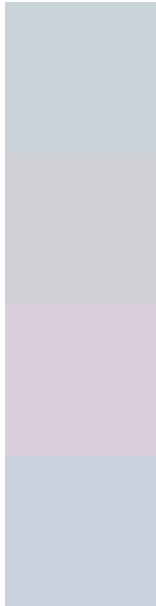
63.9426, 0.3196, 0.3126



Tritanopia

63.9293, 0.2976, 0.3097

Trichromacy



Original Color

64.1030, 0.3028, 0.3232

Protanomaly

63.9171, 0.3079, 0.3222

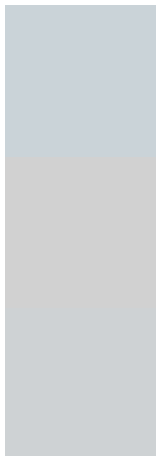
Deuteranomaly

63.9041, 0.3133, 0.3167

Tritanomaly

64.0636, 0.2995, 0.3153

Monochromacy



Original Color

64.1030, 0.3028, 0.3232

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9685, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1030, 0.3028, 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(202, 211, 216)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 216) }
```

Border

The CSS property to change the border of an element to Yxy 64.1030, 0.3028, 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(202, 211, 216) }
```

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

```
.border{ border-color:rgb(202, 211, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1030, 0.3028, 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(202, 211, 216) }
```

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

```
.background{ background-color: rgb(202,  
211, 216) }
```

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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