

Converting Colors

Yxy(64.1614, 0.3061, 0.3283)

Have a look what the booklet for
Yxy(64.1614, 0.3061, 0.3283)
contains.

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Color

Yxy(64.0385, 0.3062, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CBD3D4 |
| RGB | 203, 211, 212 |
| RGB Percent | 80%, 83%, 83% |
| CMY | 0.2037, 0.1726, 0.1686 |
| CMYK | 0.04, 0.00, 0.00, 0.17 |
| HSL | 187°, 9%, 81% |
| HSV | 187°, 4%, 83% |
| XYZ | 59.8188, 64.0385, 71.5012 |
| YIQ | 208.7220, -5.0890, -1.3850 |

Conversions

Conversions Part 2

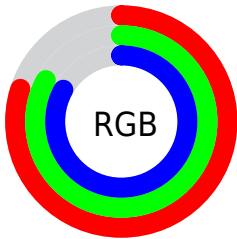
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 203, 207, 212 |
| Decimal | 13358036 |
| CIE Lab | 83.99, -2.49, -1.45 |
| CIE LCh | 84, 2.879, 210.235 |
| Yxy | 64.0385, 0.3062, 0.3278 |
| Android (android.graphics.Color) | 4291548116 (0xFFCBD3D4) |
| YUV | 208.7220, 1.6161, -5.0182 |
| Hunter-Lab | 80.0241, -6.6116, 3.0415 |

Details

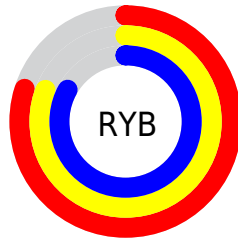
The Yxy color **64.0385, 0.3062, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5369, 0.3195, 0.3302**, and the grayscale version is **63.5687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9378, 0.3050, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **60.0704, 0.2911, 0.3248**, and if you desaturate by 10%, it is **68.4372, 0.3217, 0.3306**.

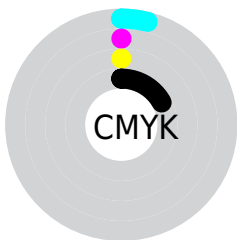
Distribution



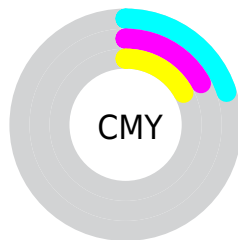
- Red (80%)
- Green (83%)
- Blue (83%)



- Red (80%)
- Yellow (81%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0385, 0.3062, 0.3278 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 64.0385, 0.3062, 0.3278 by changing the saturation by 10% instead.

■ 64.0385, 0.3062,
0.3278

■ 64.0385, 0.3062,
0.3278

439.3287, 0.3093,
0.3284

■ 46.6819, 0.3055,
0.3277

110.6664, 0.3073,
0.3280

■ 32.7842, 0.3046,
0.3275

140.7064, 0.3077,
0.3281

■ 21.9612, 0.3034,
0.3273

175.7430, 0.3081,
0.3282

■ 13.8284, 0.3019,
0.3270

216.1606, 0.3084,
0.3282

■ 8.0014, 0.2997,
0.3265

262.3436, 0.3086,
0.3283

■ 4.0958, 0.2965,
0.3259

314.6763, 0.3089,

■ 1.7273, 0.2911,

0.3283

373.5432, 0.3091,
0.3284

0.3247

0.4413, 0.2596,
0.3193

0.0000, 0.0000,
0.0000

64.0385, 0.3062,
0.3278

64.0385, 0.3062,
0.3278

60.0704, 0.2911,
0.3248

68.4372, 0.3217,
0.3306

56.5084, 0.2766,
0.3215

73.2740, 0.3373,
0.3330

53.3374, 0.2631,
0.3180

76.2871, 0.3441,
0.3354

50.5386, 0.2509,
0.3143

77.5539, 0.3437,
0.3378

■ 48.0914, 0.2402,
0.3104

■ 78.8391, 0.3433,
0.3403

■ 45.9732, 0.2313,
0.3065

■ 80.1427, 0.3429,
0.3427

■ 44.1584, 0.2243,
0.3025

■ 81.4650, 0.3425,
0.3451

■ 42.6176, 0.2192,
0.2985

■ 82.8059, 0.3421,
0.3475

■ 41.3150, 0.2159,
0.2945

■ 84.1656, 0.3417,
0.3499

Harmonies

Analogous

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



64.0385, 0.3084, 0.3311



64.0385, 0.3062, 0.3278



64.0385, 0.3057, 0.3249

Triad

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



64.0385, 0.3062, 0.3278



64.0385, 0.3137, 0.3243



64.0385, 0.3183, 0.3349

Complementary

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



64.0385, 0.3062, 0.3278



61.5369, 0.3195, 0.3302

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.



64.0385, 0.3198, 0.3331



64.0385, 0.3062, 0.3278



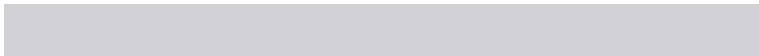
64.0385, 0.3171, 0.3270

Square

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



64.0385, 0.3062, 0.3278



64.0385, 0.3100, 0.3229



64.0385, 0.3193, 0.3302



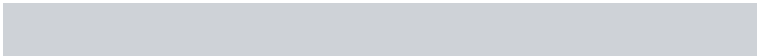
64.0385, 0.3154, 0.3352

Rectangle

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



64.0385, 0.3062, 0.3278



64.0385, 0.3065, 0.3235



64.0385, 0.3193, 0.3302



64.0385, 0.3190, 0.3345

Sweetspot

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



64.0412, 0.3062, 0.3278



99.3339, 0.3112, 0.3287



64.1542, 0.3116, 0.3384



21.2686, 0.3112, 0.3287



0.0000, 0.0000, 0.0000



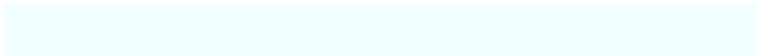
21.4041, 0.3127, 0.3290

Same Dimension

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



64.0412, 0.3062, 0.3278



96.7361, 0.3049, 0.3276



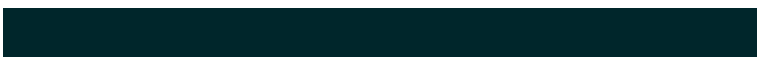
61.9094, 0.3063, 0.3228



14.1953, 0.3040, 0.3274



25.1775, 0.2147, 0.2928



1.5889, 0.2166, 0.2996

Inverse Universe

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



61.4402, 0.3139, 0.3200



92.0398, 0.3142, 0.3182



63.6345, 0.3192, 0.3352



13.4244, 0.3143, 0.3169



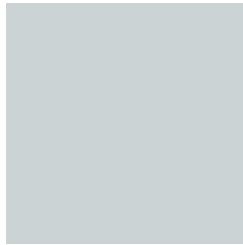
10.8865, 0.3518, 0.1712



0.6637, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 64.0385, 0.3062, 0.3278 looks on a white background.

Color Contrast Check

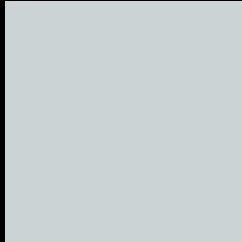
Large Text (above 18pt) WCAG AA × Fail

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 64.0385, 0.3062, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

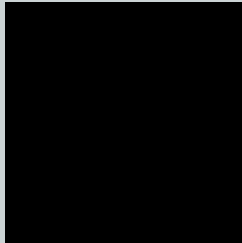
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

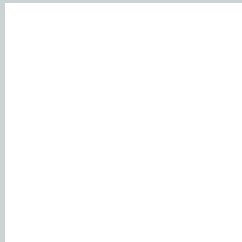
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0385, 0.3062, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 64.0385, 0.3062, 0.3278.

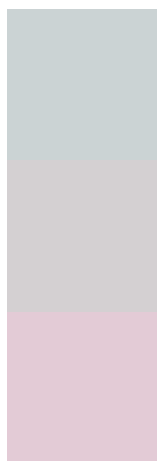


This preview shows how white text looks on a background with the Yxy color 64.0385, 0.3062, 0.3278.

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

64.0385, 0.3062, 0.3278

Protanopia

63.7619, 0.3143, 0.3267

Deuteranopia

63.8978, 0.3233, 0.3170



Tritanopia

64.0163, 0.2990, 0.3109

Trichromacy



Original Color

64.0385, 0.3062, 0.3278

Protanomaly

63.8594, 0.3113, 0.3267

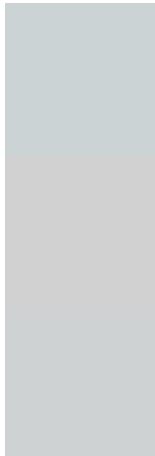
Deuteranomaly

63.8521, 0.3169, 0.3212

Tritanomaly

64.0979, 0.3016, 0.3176

Monochromacy



Original Color

64.0385, 0.3062, 0.3278

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0117, 0.3105, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0385, 0.3062, 0.3278 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(203, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 212)  
}
```

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(203, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 212) }
```

Border

The CSS property to change the border of an element to Yxy 64.0385, 0.3062, 0.3278 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(203, 211, 212) }
```

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

```
.border{ border-color:rgb(203, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0385, 0.3062, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 212) }
```

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

```
.background{ background-color: rgb(203,  
211, 212) }
```

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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