

Converting Colors

$Yxy(63.9045, 0.3074, 0.3258)$

Have a look what the booklet for
Yxy(63.9045, 0.3074, 0.3258)
contains.

| | |
|---|----|
| Yxy(63.8764, 0.3070, 0.3255) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(63.8764, 0.3070, 0.3255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CDD2D5 |
| RGB | 205, 210, 213 |
| RGB Percent | 80%, 82%, 84% |
| CMY | 0.1959, 0.1765, 0.1646 |
| CMYK | 0.04, 0.01, 0.00, 0.16 |
| HSL | 203°, 9%, 82% |
| HSV | 203°, 4%, 84% |
| XYZ | 60.2459, 63.8764, 72.1185 |
| YIQ | 208.8470, -3.9430, -0.1270 |

Conversions

Conversions Part 2

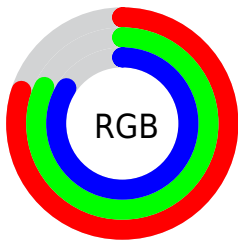
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 208, 213 |
| Decimal | 13488853 |
| CIELab | 83.90, -1.11, -2.09 |
| CIElCh | 84, 2.368, 242.159 |
| Yxy | 63.8764, 0.3070, 0.3255 |
| Android (android.graphics.Color) | 4291678933 (0xFFCDD2D5) |
| YUV | 208.8470, 2.0474, -3.3738 |
| Hunter-Lab | 79.9227, -5.3110, 2.4454 |

Details

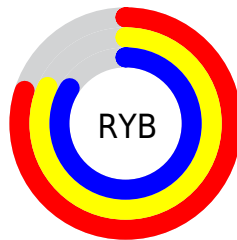
The Yxy color **63.8764, 0.3070, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7128, 0.3186, 0.3325**, and the grayscale version is **63.6506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8249, 0.3061, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **57.1498, 0.2915, 0.3154**, and if you desaturate by 10%, it is **71.2237, 0.3221, 0.3345**.

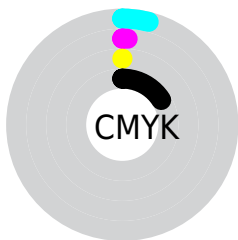
Distribution



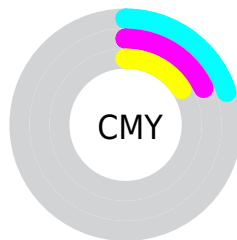
- Red (80%)
- Green (82%)
- Blue (84%)



- Red (80%)
- Yellow (82%)
- Blue (84%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8764, 0.3070, 0.3255 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 63.8764, 0.3070, 0.3255 by changing the saturation by 10% instead.

■ 63.8764, 0.3070,
0.3255

■ 63.8764, 0.3070,
0.3255

438.7432, 0.3097,
0.3272

■ 46.5506, 0.3064,
0.3251

110.4329, 0.3080,
0.3261

■ 32.6805, 0.3056,
0.3246

140.4324, 0.3083,
0.3263

■ 21.8818, 0.3046,
0.3240

175.4252, 0.3086,
0.3265

■ 13.7701, 0.3032,
0.3231

215.7957, 0.3089,
0.3267

■ 7.9609, 0.3013,
0.3219

261.9284, 0.3091,
0.3268

■ 4.0700, 0.2985,
0.3201

314.2076, 0.3094,

■ 1.7128, 0.2937,

0.3270

0.3171

373.0177, 0.3095,
0.3271

0.4319, 0.2678,
0.3016

0.0000, 0.0000,
0.0000

63.8764, 0.3070,
0.3255

63.8764, 0.3070,
0.3255

57.1498, 0.2915,
0.3154

71.2237, 0.3221,
0.3345

51.0163, 0.2759,
0.3043

79.2021, 0.3367,
0.3426

45.4579, 0.2604,
0.2922

85.0879, 0.3408,
0.3503

40.4525, 0.2454,
0.2791

89.8187, 0.3395,
0.3582

■ 35.9762, 0.2314,
0.2653

■ 94.7635, 0.3382,
0.3659

■ 32.0030, 0.2187,
0.2509

■ 97.5852, 0.3375,
0.3701

■ 28.5041, 0.2077,
0.2361

■ 25.4464, 0.1987,
0.2214

■ 22.7908, 0.1918,
0.2069

Harmonies

Analogous

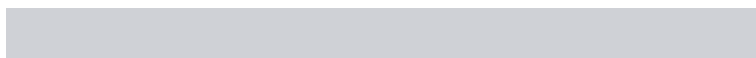
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.8764, 0.3073, 0.3279



63.8764, 0.3070, 0.3255



63.8764, 0.3082, 0.3241

Triad

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



63.8764, 0.3070, 0.3255



63.8764, 0.3164, 0.3275



63.8764, 0.3147, 0.3341

Complementary

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



63.8764, 0.3070, 0.3255



63.7128, 0.3186, 0.3325

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.



63.8764, 0.3172, 0.3340



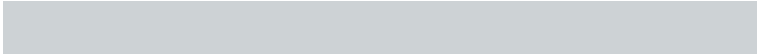
63.8764, 0.3070, 0.3255



63.8764, 0.3182, 0.3302

Square

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



63.8764, 0.3070, 0.3255



63.8764, 0.3137, 0.3253



63.8764, 0.3185, 0.3325



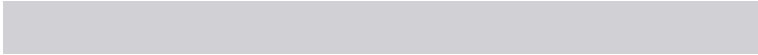
63.8764, 0.3117, 0.3328

Rectangle

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



63.8764, 0.3070, 0.3255



63.8764, 0.3098, 0.3239



63.8764, 0.3185, 0.3325



63.8764, 0.3157, 0.3342

Sweetspot

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



63.8791, 0.3070, 0.3255



98.9019, 0.3112, 0.3281



65.1388, 0.3103, 0.3348



21.1807, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

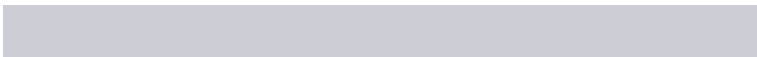
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8791, 0.3070, 0.3255



95.6646, 0.3065, 0.3252



61.9892, 0.3071, 0.3210



13.9893, 0.3055, 0.3246



13.2068, 0.1889, 0.2000



0.9541, 0.1958, 0.2248

Inverse Universe

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



62.4892, 0.3153, 0.3234



93.4163, 0.3155, 0.3229



65.6263, 0.3183, 0.3369



13.6059, 0.3160, 0.3219



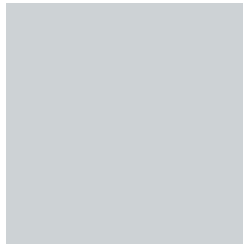
9.6781, 0.4452, 0.2226



0.5996, 0.4182, 0.2077

Previews

White Background



This preview shows how the Yxy color 63.8764, 0.3070, 0.3255 looks on a white background.

Color Contrast Check

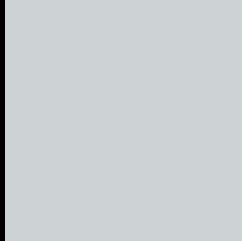
Large Text (above 18pt) WCAG AA × Fail

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 63.8764, 0.3070, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

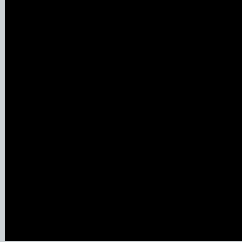
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

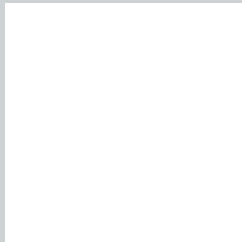
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8764, 0.3070, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 63.8764, 0.3070, 0.3255.

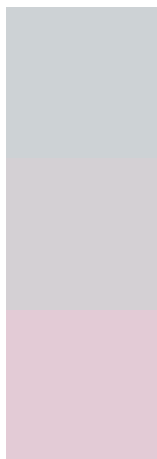


This preview shows how white text looks on a background with the Yxy color 63.8764, 0.3070, 0.3255.

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

63.8764, 0.3070, 0.3255

Protanopia

63.8623, 0.3129, 0.3245

Deuteranopia

63.8978, 0.3233, 0.3170



Tritanopia

63.8134, 0.3004, 0.3098

Trichromacy



Original Color

63.8764, 0.3070, 0.3255

Protanomaly

63.9097, 0.3106, 0.3256

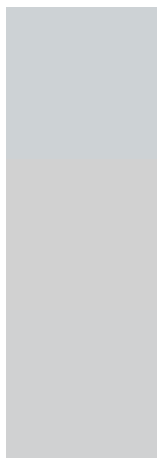
Deuteranomaly

64.0577, 0.3169, 0.3201

Tritanomaly

63.9432, 0.3023, 0.3154

Monochromacy



Original Color

63.8764, 0.3070, 0.3255

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6640, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8764, 0.3070, 0.3255 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(205, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 213)  
}
```

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(205, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.8764, 0.3070, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

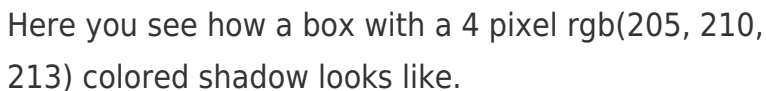
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 210, 213) }
```

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

```
.border{ border-color:rgb(205, 210, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 210, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 210, 213); box-shadow:4px 4px 4px 4px rgb(205, 210, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8764, 0.3070, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 213) }
```

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

```
.background{ background-color: rgb(205,  
210, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor