

Converting Colors

Yxy(64.8550, 0.3010, 0.3259)

Have a look what the booklet for
Yxy(64.8550, 0.3010, 0.3259)
contains.

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Color

Yxy(64.6885, 0.3006, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C7D5D8
RGB	199, 213, 216
RGB Percent	78%, 84%, 85%
CMY	0.2197, 0.1647, 0.1529
CMYK	0.08, 0.01, 0.00, 0.15
HSL	191°, 18%, 81%
HSV	191°, 8%, 85%
XYZ	59.7400, 64.6885, 74.3073
YIQ	209.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

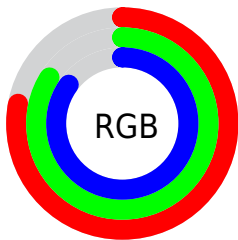
Format	Color
RYB	199, 207, 216
Decimal	13096408
CIELab	84.32, -4.13, -3.11
CIELCh	84, 5.171, 217.019
Yxy	64.6885, 0.3006, 0.3255
Android (android.graphics.Color)	4291286488 (0xFFC7D5D8)
YUV	209.1560, 3.3741, -8.9068
Hunter-Lab	80.4292, -8.1675, 1.5233

Details

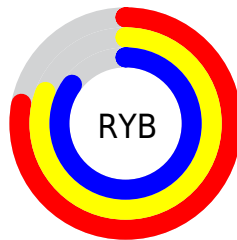
The Yxy color **64.6885, 0.3006, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9581, 0.3259, 0.3325**, and the grayscale version is **63.8502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0467, 0.2978, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **60.0506, 0.2855, 0.3207**, and if you desaturate by 10%, it is **69.7962, 0.3160, 0.3299**.

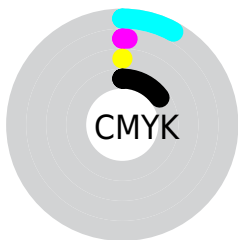
Distribution



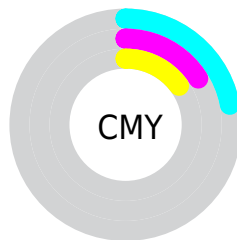
- Red (78%)
- Green (84%)
- Blue (85%)



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



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6885, 0.3006, 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 64.6885, 0.3006, 0.3255 by changing the saturation by 10% instead.

■ 64.6885, 0.3006,
0.3255

■ 64.6885, 0.3006,
0.3255

441.6717, 0.3063,
0.3272

■ 47.2085, 0.2993,
0.3251

111.6019, 0.3026,
0.3261

■ 33.2005, 0.2976,
0.3246

141.8041, 0.3034,
0.3263

■ 22.2801, 0.2955,
0.3239

177.0159, 0.3040,
0.3265

■ 14.0629, 0.2927,
0.3231

217.6216, 0.3046,
0.3267

■ 8.1644, 0.2887,
0.3218

264.0057, 0.3051,
0.3268

■ 4.2003, 0.2829,
0.3199

316.5524, 0.3056,

■ 1.7862, 0.2733,

0.3270

0.3166

375.6463, 0.3060,
0.3271

0.4786, 0.2253,
0.3045

0.0000, 0.0000,
0.0000

64.6885, 0.3006,
0.3255

64.6885, 0.3006,
0.3255

60.0506, 0.2855,
0.3207

69.7962, 0.3160,
0.3299

55.8565, 0.2710,
0.3154

75.3823, 0.3314,
0.3339

52.0897, 0.2574,
0.3098

79.7601, 0.3403,
0.3375

48.7296, 0.2451,
0.3039

81.8345, 0.3397,
0.3413

45.7536, 0.2343,
0.2978

83.9551, 0.3391,
0.3451

43.1370, 0.2252,
0.2915

86.1221, 0.3386,
0.3488

40.8513, 0.2180,
0.2851

88.3358, 0.3380,
0.3525

38.8634, 0.2128,
0.2787

90.5965, 0.3374,
0.3562

37.1267, 0.2093,
0.2724

92.9045, 0.3369,
0.3598

Harmonies

Analogous

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



64.6885, 0.3039, 0.3314



64.6885, 0.3006, 0.3255



64.6885, 0.3005, 0.3207

Triad

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



64.6885, 0.3006, 0.3255



64.6885, 0.3159, 0.3216



64.6885, 0.3218, 0.3400

Complementary

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



64.6885, 0.3006, 0.3255



60.9581, 0.3259, 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.



64.6885, 0.3251, 0.3372



64.6885, 0.3006, 0.3255



64.6885, 0.3216, 0.3266

Square

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



64.6885, 0.3006, 0.3255



64.6885, 0.3093, 0.3185



64.6885, 0.3250, 0.3323



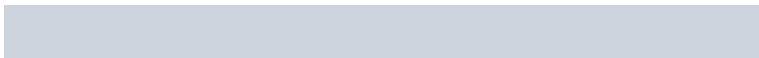
64.6885, 0.3161, 0.3398

Rectangle

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



64.6885, 0.3006, 0.3255



64.6885, 0.3023, 0.3187



64.6885, 0.3250, 0.3323



64.6885, 0.3232, 0.3394

Sweetspot

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



64.6912, 0.3006, 0.3255



98.4734, 0.3096, 0.3281



65.5120, 0.3099, 0.3456



21.0934, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



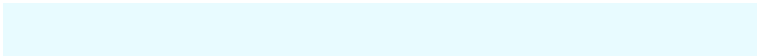
21.4041, 0.3127, 0.3290

Same Dimension

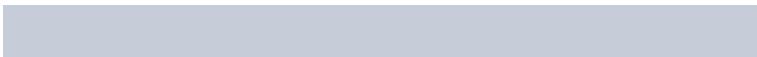
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6912, 0.3006, 0.3255



93.3507, 0.2988, 0.3249



60.5993, 0.3006, 0.3157



13.7181, 0.2983, 0.3248



21.9079, 0.2089, 0.2721



1.4213, 0.2119, 0.2829

Inverse Universe

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



60.2458, 0.3158, 0.3132



85.9636, 0.3163, 0.3107



64.9814, 0.3250, 0.3419



12.5934, 0.3164, 0.3100



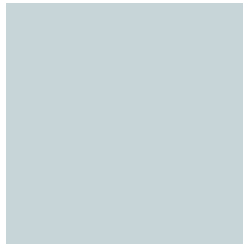
10.5565, 0.3709, 0.1817



0.6468, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 64.6885, 0.3006, 0.3255 looks on a white background.

Color Contrast Check

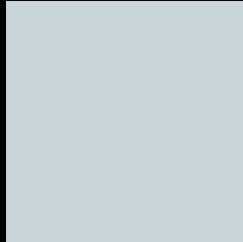
Large Text (above 18pt) WCAG AA × Fail

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 64.6885, 0.3006, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

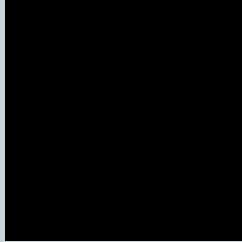
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

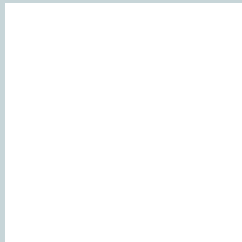
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6885, 0.3006, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 64.6885, 0.3006, 0.3255.

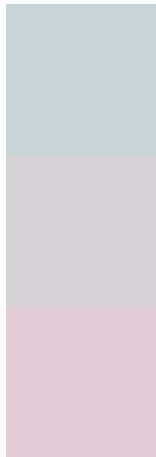


This preview shows how white text looks on a background with the Yxy color 64.6885, 0.3006, 0.3255.

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

64.6885, 0.3006, 0.3255

Protanopia

64.6021, 0.3122, 0.3234

Deuteranopia

64.5786, 0.3203, 0.3138



Tritanopia

64.6075, 0.2942, 0.3097

Trichromacy



Original Color

64.6885, 0.3006, 0.3255

Protanomaly

64.4094, 0.3078, 0.3233

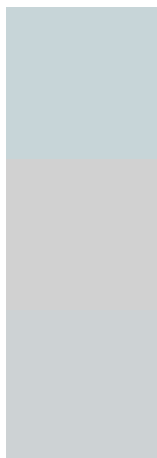
Deuteranomaly

64.3871, 0.3132, 0.3179

Tritanomaly

64.7481, 0.2961, 0.3153

Monochromacy



Original Color

64.6885, 0.3006, 0.3255

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 64.6885, 0.3006, 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(199, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 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(199, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 64.6885, 0.3006, 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(199, 213, 216) }
```

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

```
.border{ border-color:rgb(199, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 213, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 213, 216); box-shadow:4px 4px 4px 4px rgb(199, 213, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6885, 0.3006, 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(199, 213, 216) }
```

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

```
.background{ background-color: rgb(199,  
213, 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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