

Converting Colors

Yxy(63.5542, 0.3006, 0.3128)

Have a look what the booklet for
Yxy(63.5542, 0.3006, 0.3128)
contains.

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Color

Yxy(63.4186, 0.3003, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	CDD0DF
RGB	205, 208, 223
RGB Percent	80%, 82%, 87%
CMY	0.1960, 0.1843, 0.1254
CMYK	0.08, 0.07, 0.00, 0.13
HSL	230°, 22%, 84%
HSV	230°, 8%, 87%
XYZ	61.0600, 63.4186, 78.8513
YIQ	208.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

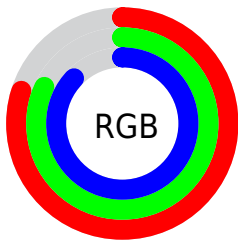
Format	Color
R _Y B	205, 208, 223
Decimal	13488351
CIE Lab	83.66, 1.85, -7.77
CIE LCh	84, 7.989, 283.396
Yxy	63.4186, 0.3003, 0.3119
Android (android.graphics.Color)	4291678431 (0xFFCDD0DF)
YUV	208.8130, 6.9942, -3.3440
Hunter-Lab	79.6358, -2.4995, -2.9609

Details

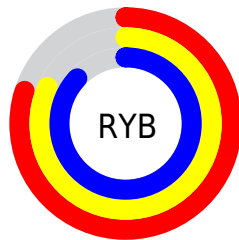
The Yxy color **63.4186, 0.3003, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3183, 0.3250, 0.3455**, and the grayscale version is **63.5938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5177, 0.2973, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **51.9163, 0.2835, 0.2882**, and if you desaturate by 10%, it is **76.4450, 0.3155, 0.3328**.

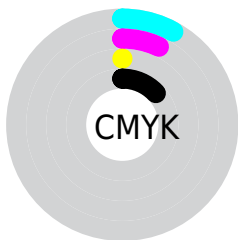
Distribution



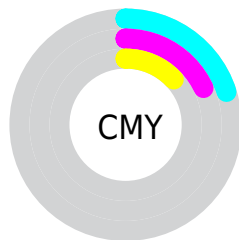
- Red (80%)
- Green (82%)
- Blue (87%)



- Red (80%)
- Yellow (82%)
- Blue (87%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4186, 0.3003, 0.3119 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 63.4186, 0.3003, 0.3119 by changing the saturation by 10% instead.

■ 63.4186, 0.3003,
0.3119

■ 63.4186, 0.3003,
0.3119

437.0871, 0.3062,
0.3200

■ 46.1799, 0.2989,
0.3100

109.7732, 0.3024,
0.3147

■ 32.3878, 0.2972,
0.3077

139.6579, 0.3032,
0.3158

■ 21.6579, 0.2950,
0.3047

174.5268, 0.3039,
0.3168

■ 13.6058, 0.2920,
0.3007

214.7642, 0.3044,
0.3176

■ 7.8470, 0.2878,
0.2951

260.7545, 0.3050,
0.3183

■ 3.9972, 0.2816,
0.2869

312.8822, 0.3054,

■ 1.6720, 0.2714,

0.3189

0.2735

371.5316, 0.3058,
0.3195

0.4054, 0.2364,
0.2227

0.0000, 0.0000,
0.0000

63.4186, 0.3003,
0.3119

63.4186, 0.3003,
0.3119

51.9163, 0.2835,
0.2882

76.4450, 0.3155,
0.3328

41.8744, 0.2652,
0.2618

91.0403, 0.3291,
0.3511

33.2362, 0.2458,
0.2329

98.1090, 0.3315,
0.3601

25.9385, 0.2259,
0.2023

■ 19.9129, 0.2064,
0.1712

■ 15.0852, 0.1884,
0.1411

■ 11.3729, 0.1732,
0.1140

■ 8.6827, 0.1618,
0.0917

■ 6.8984, 0.1547,
0.0754

Harmonies

Analogous

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



63.4186, 0.2945, 0.3148



63.4186, 0.3003, 0.3119



63.4186, 0.3095, 0.3134

Triad

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



63.4186, 0.3003, 0.3119



63.4186, 0.3324, 0.3359



63.4186, 0.3056, 0.3394

Complementary

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



63.4186, 0.3003, 0.3119



71.3183, 0.3250, 0.3455

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.



63.4186, 0.3157, 0.3452



63.4186, 0.3003, 0.3119



63.4186, 0.3312, 0.3430

Square

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



63.4186, 0.3003, 0.3119



63.4186, 0.3281, 0.3271



63.4186, 0.3251, 0.3465



63.4186, 0.2975, 0.3307

Rectangle

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



63.4186, 0.3003, 0.3119



63.4186, 0.3163, 0.3168



63.4186, 0.3251, 0.3465



63.4186, 0.3089, 0.3418

Sweetspot

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



63.4213, 0.3003, 0.3119



96.3579, 0.3097, 0.3249



70.9404, 0.3022, 0.3323



20.6627, 0.3099, 0.3251



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.



63.4213, 0.3003, 0.3119



82.6369, 0.2971, 0.3074



62.8582, 0.3047, 0.3088



13.6064, 0.2981, 0.3088



4.0113, 0.1541, 0.0747



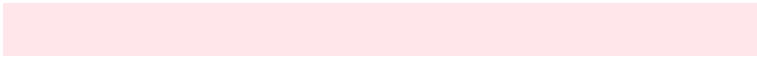
0.3905, 0.1611, 0.0999

Inverse Universe

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



63.9220, 0.3244, 0.3257



83.4992, 0.3276, 0.3249



71.9534, 0.3203, 0.3490



13.7372, 0.3266, 0.3252



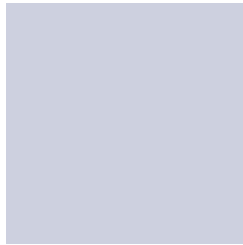
9.3130, 0.6155, 0.3164



0.6569, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 63.4186, 0.3003, 0.3119 looks on a white background.

Color Contrast Check

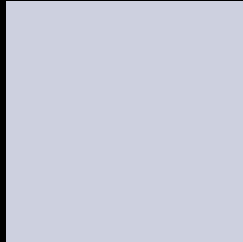
Large Text (above 18pt) WCAG AA × Fail

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 63.4186, 0.3003, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

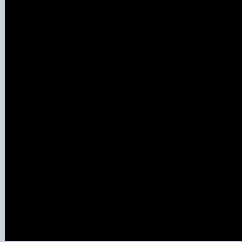
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

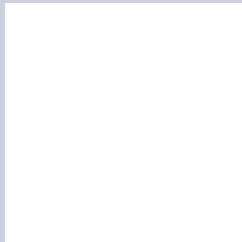
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4186, 0.3003, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 63.4186, 0.3003, 0.3119.

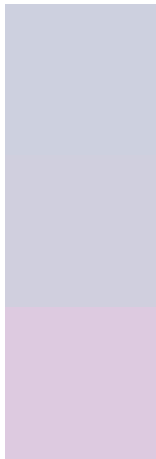


This preview shows how white text looks on a background with the Yxy color 63.4186, 0.3003, 0.3119.

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

63.4186, 0.3003, 0.3119

Protanopia

63.3095, 0.3031, 0.3120

Deuteranopia

62.9950, 0.3116, 0.3048



Tritanopia

63.4727, 0.2996, 0.3108

Trichromacy



Original Color

63.4186, 0.3003, 0.3119

Protanomaly

63.1650, 0.3024, 0.3120

Deuteranomaly

63.0146, 0.3070, 0.3067

Tritanomaly

63.4727, 0.2996, 0.3108

Monochromacy



Original Color

63.4186, 0.3003, 0.3119

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8659, 0.3085, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4186, 0.3003, 0.3119 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, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 223)  
}
```

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, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.4186, 0.3003, 0.3119 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, 208, 223) }
```

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

```
.border{ border-color:rgb(205, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4186, 0.3003, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 223) }
```

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

```
.background{ background-color: rgb(205,  
208, 223) }
```

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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