

Converting Colors

$Yxy(63.4595, 0.2980, 0.3080)$

Have a look what the booklet for
Yxy(63.4595, 0.2980, 0.3080)
contains.

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Color

Yxy(63.5819, 0.2983, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	CDD0E2
RGB	205, 208, 226
RGB Percent	80%, 82%, 89%
CMY	0.1961, 0.1843, 0.1137
CMYK	0.09, 0.08, 0.00, 0.11
HSL	231°, 27%, 85%
HSV	231°, 9%, 89%
XYZ	61.4598, 63.5819, 80.9917
YIQ	209.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

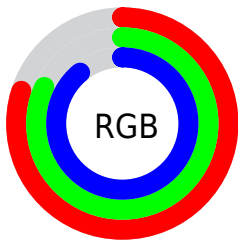
Format	Color
R _{YB}	205, 208, 226
Decimal	13488354
CIE Lab	83.75, 2.42, -9.23
CIE LCh	84, 9.547, 284.696
Yxy	63.5819, 0.2983, 0.3086
Android (android.graphics.Color)	4291678434 (0xFFCDD0E2)
YUV	209.1550, 8.3046, -3.6439
Hunter-Lab	79.7383, -1.9597, -4.4052

Details

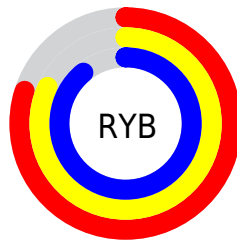
The Yxy color **63.5819, 0.2983, 0.3086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3533, 0.3268, 0.3486**, and the grayscale version is **63.8167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6308, 0.2947, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **51.7265, 0.2812, 0.2839**, and if you desaturate by 10%, it is **77.0596, 0.3137, 0.3304**.

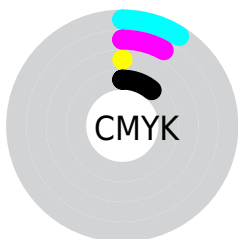
Distribution



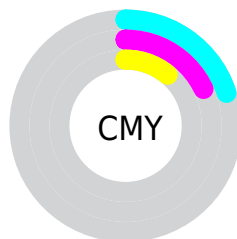
- Red (80%)
- Green (82%)
- Blue (89%)



- Red (80%)
- Yellow (82%)
- Blue (89%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5819, 0.2983, 0.3086 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 63.5819, 0.2983, 0.3086 by changing the saturation by 10% instead.

■ 63.5819, 0.2983,
0.3086

■ 63.5819, 0.2983,
0.3086

437.6782, 0.3051,
0.3182

■ 46.3121, 0.2967,
0.3064

110.0086, 0.3007,
0.3120

■ 32.4922, 0.2947,
0.3036

139.9343, 0.3016,
0.3133

■ 21.7377, 0.2921,
0.3000

174.8474, 0.3024,
0.3144

■ 13.6643, 0.2887,
0.2953

215.1323, 0.3031,
0.3153

■ 7.8876, 0.2839,
0.2888

261.1735, 0.3037,
0.3162

■ 4.0231, 0.2767,
0.2791

313.3553, 0.3042,

■ 1.6865, 0.2649,

0.3169

0.2635

372.0621, 0.3047,
0.3176

0.4149, 0.2300,
0.2104

0.0000, 0.0000,
0.0000

63.5819, 0.2983,
0.3086

63.5819, 0.2983,
0.3086

51.7265, 0.2812,
0.2839

77.0596, 0.3137,
0.3304

41.4242, 0.2626,
0.2564

92.2093, 0.3275,
0.3495

32.6126, 0.2429,
0.2265

98.2716, 0.3297,
0.3572

25.2220, 0.2227,
0.1950

■ 19.1772, 0.2031,
0.1633

■ 14.3958, 0.1852,
0.1332

■ 10.7862, 0.1704,
0.1066

■ 8.2438, 0.1597,
0.0855

■ 6.6311, 0.1532,
0.0710

Harmonies

Analogous

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



63.5819, 0.2912, 0.3118



63.5819, 0.2983, 0.3086



63.5819, 0.3094, 0.3107

Triad

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



63.5819, 0.2983, 0.3086



63.5819, 0.3363, 0.3376



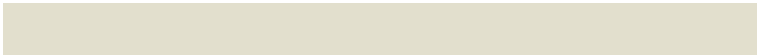
63.5819, 0.3037, 0.3410

Complementary

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



63.5819, 0.2983, 0.3086



73.3533, 0.3268, 0.3486

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.



63.5819, 0.3157, 0.3482



63.5819, 0.2983, 0.3086



63.5819, 0.3347, 0.3460

Square

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



63.5819, 0.2983, 0.3086



63.5819, 0.3314, 0.3272



63.5819, 0.3271, 0.3500



63.5819, 0.2943, 0.3305

Rectangle

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



63.5819, 0.2983, 0.3086



63.5819, 0.3175, 0.3148



63.5819, 0.3271, 0.3500



63.5819, 0.3076, 0.3439

Sweetspot

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



63.5846, 0.2983, 0.3086



94.4673, 0.3082, 0.3226



72.6972, 0.3004, 0.3325



19.9106, 0.3070, 0.3209



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.



63.5846, 0.2983, 0.3086



80.6773, 0.2954, 0.3044



63.2008, 0.3036, 0.3055



13.5585, 0.2981, 0.3083



3.8369, 0.1533, 0.0719



0.3678, 0.1598, 0.0951

Inverse Universe

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



64.3849, 0.3267, 0.3257



81.9386, 0.3297, 0.3251



73.8129, 0.3212, 0.3522



13.7324, 0.3270, 0.3257



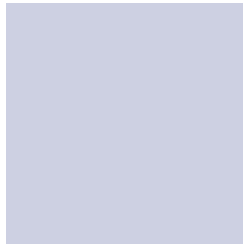
9.2954, 0.6201, 0.3190



0.6546, 0.5834, 0.2987

Previews

White Background



This preview shows how the Yxy color 63.5819, 0.2983, 0.3086 looks on a white background.

Color Contrast Check

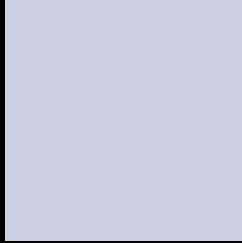
Large Text (above 18pt) WCAG AA × Fail

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 63.5819, 0.2983, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

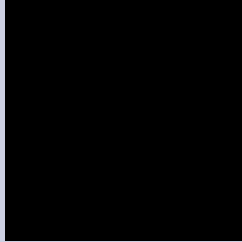
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

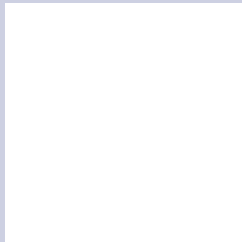
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5819, 0.2983, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 63.5819, 0.2983, 0.3086.

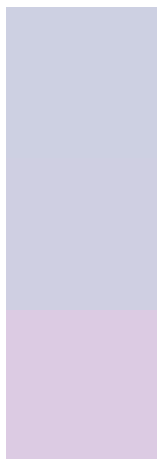


This preview shows how white text looks on a background with the Yxy color 63.5819, 0.2983, 0.3086.

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

63.5819, 0.2983, 0.3086

Protanopia

63.3820, 0.2997, 0.3076

Deuteranopia

63.4736, 0.3087, 0.3027



Tritanopia

63.5271, 0.2990, 0.3097

Trichromacy



Original Color

63.5819, 0.2983, 0.3086

Protanomaly

63.2384, 0.2990, 0.3075

Deuteranomaly

63.6558, 0.3049, 0.3046

Tritanomaly

63.5271, 0.2990, 0.3097

Monochromacy



Original Color

63.5819, 0.2983, 0.3086

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9171, 0.3079, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5819, 0.2983, 0.3086 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 226) }
```

Border

The CSS property to change the border of an element to Yxy 63.5819, 0.2983, 0.3086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

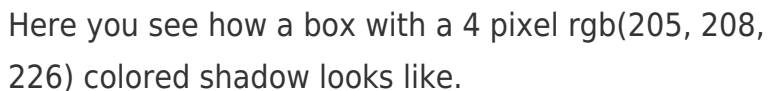
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 208, 226) }
```

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

```
.border{ border-color:rgb(205, 208, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5819, 0.2983, 0.3086 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, 226) }
```

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

```
.background{ background-color: rgb(205,  
208, 226) }
```

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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