

Converting Colors

$Yxy(63.3884, 0.2923, 0.3053)$

Have a look what the booklet for
Yxy(63.3884, 0.2923, 0.3053)
contains.

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Color

Yxy(63.5935, 0.2922, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	C8D1E6
RGB	200, 209, 230
RGB Percent	78%, 82%, 90%
CMY	0.2157, 0.1804, 0.0980
CMYK	0.13, 0.09, 0.00, 0.10
HSL	222°, 38%, 84%
HSV	222°, 13%, 90%
XYZ	60.9047, 63.5935, 83.9368
YIQ	208.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

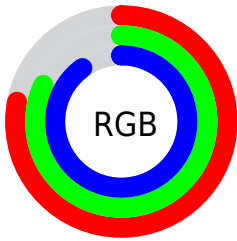
Format	Color
R _{YB}	200, 207, 230
Decimal	13160934
CIE Lab	83.75, 1.09, -11.39
CIE LCh	84, 11.447, 275.466
Yxy	63.5935, 0.2922, 0.3051
Android (android.graphics.Color)	4291351014 (0xFFC8D1E6)
YUV	208.7030, 10.4994, -7.6325
Hunter-Lab	79.7455, -3.2275, -6.5843

Details

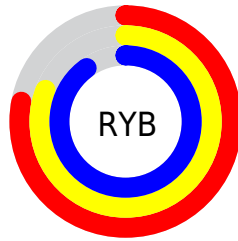
The Yxy color **63.5935, 0.2922, 0.3051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7167, 0.3335, 0.3518**, and the grayscale version is **63.4954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6097, 0.2877, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **53.1563, 0.2751, 0.2842**, and if you desaturate by 10%, it is **75.3112, 0.3081, 0.3238**.

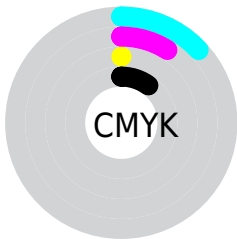
Distribution



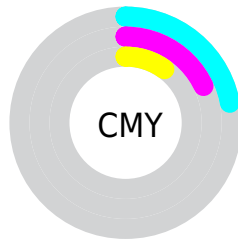
- Red (78%)
- Green (82%)
- Blue (90%)



- Red (78%)
- Yellow (81%)
- Blue (90%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5935, 0.2922, 0.3051 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 63.5935, 0.2922, 0.3051 by changing the saturation by 10% instead.

■ 63.5935, 0.2922,
0.3051

■ 63.5935, 0.2922,
0.3051

437.7202, 0.3019,
0.3164

■ 46.3215, 0.2899,
0.3025

110.0253, 0.2956,
0.3090

■ 32.4996, 0.2871,
0.2992

139.9539, 0.2969,
0.3106

■ 21.7434, 0.2835,
0.2950

174.8702, 0.2980,
0.3119

■ 13.6685, 0.2787,
0.2895

215.1585, 0.2990,
0.3130

■ 7.8904, 0.2720,
0.2819

261.2033, 0.2999,
0.3140

■ 4.0249, 0.2621,
0.2706

313.3889, 0.3006,

■ 1.6875, 0.2460,

0.3149

0.2524

372.0997, 0.3013,
0.3157

0.4156, 0.1993,
0.1965

0.0000, 0.0000,
0.0000

63.5935, 0.2922,
0.3051

63.5935, 0.2922,
0.3051

53.1563, 0.2751,
0.2842

75.3112, 0.3081,
0.3238

43.9470, 0.2572,
0.2611

88.3440, 0.3228,
0.3402

35.9205, 0.2388,
0.2361

98.4939, 0.3274,
0.3532

29.0261, 0.2206,
0.2097

■ 23.2091, 0.2032,
0.1827

■ 18.4094, 0.1877,
0.1563

■ 14.5605, 0.1748,
0.1317

■ 11.5858, 0.1653,
0.1102

■ 9.9664, 0.1604,
0.0974

Harmonies

Analogous

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



63.5935, 0.2857, 0.3107



63.5935, 0.2922, 0.3051



63.5935, 0.3043, 0.3057

Triad

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



63.5935, 0.2922, 0.3051



63.5935, 0.3400, 0.3354



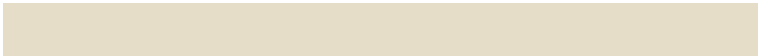
63.5935, 0.3062, 0.3467

Complementary

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



63.5935, 0.2922, 0.3051



72.7167, 0.3335, 0.3518

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.



63.5935, 0.3207, 0.3536



63.5935, 0.2922, 0.3051



63.5935, 0.3405, 0.3466

Square

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



63.5935, 0.2922, 0.3051



63.5935, 0.3320, 0.3230



63.5935, 0.3333, 0.3534



63.5935, 0.2936, 0.3348

Rectangle

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



63.5935, 0.2922, 0.3051



63.5935, 0.3139, 0.3095



63.5935, 0.3333, 0.3534



63.5935, 0.3110, 0.3497

Sweetspot

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



63.5961, 0.2922, 0.3051



93.6443, 0.3066, 0.3220



74.1023, 0.2982, 0.3391



19.7943, 0.3054, 0.3207



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.



63.5961, 0.2922, 0.3051



76.1752, 0.2871, 0.2990



60.1473, 0.2963, 0.2951



14.5881, 0.2981, 0.3121



5.8286, 0.1612, 0.1001



0.5890, 0.1692, 0.1290

Inverse Universe

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



62.7395, 0.3297, 0.3192



74.9693, 0.3343, 0.3168



76.6208, 0.3279, 0.3616



14.4388, 0.3245, 0.3220



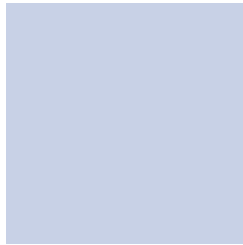
9.7861, 0.5757, 0.2945



0.7391, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 63.5935, 0.2922, 0.3051 looks on a white background.

Color Contrast Check

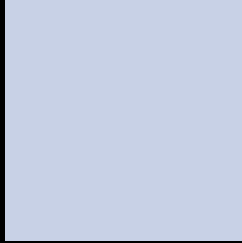
Large Text (above 18pt) WCAG AA × Fail

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 63.5935, 0.2922, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

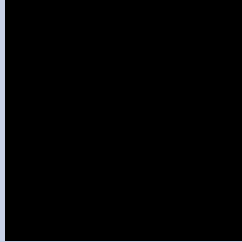
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

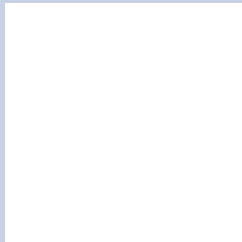
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5935, 0.2922, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 63.5935, 0.2922, 0.3051.

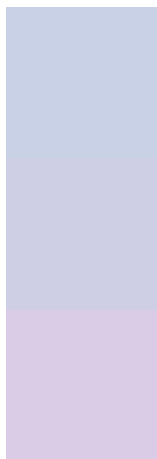


This preview shows how white text looks on a background with the Yxy color 63.5935, 0.2922, 0.3051.

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

63.5935, 0.2922, 0.3051

Protanopia

63.4046, 0.2970, 0.3042

Deuteranopia

63.3868, 0.3044, 0.2983



Tritanopia

63.7263, 0.2941, 0.3107

Trichromacy



Original Color

63.5935, 0.2922, 0.3051

Protanomaly

63.6063, 0.2956, 0.3053

Deuteranomaly

63.2810, 0.2993, 0.3001

Tritanomaly

63.7814, 0.2935, 0.3096

Monochromacy



Original Color

63.5935, 0.2922, 0.3051

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7325, 0.3050, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5935, 0.2922, 0.3051 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(200, 209, 230)` looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 230)  
}
```

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(200, 209, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 230) }
```

Border

The CSS property to change the border of an element to Yxy 63.5935, 0.2922, 0.3051 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(200, 209, 230) }
```

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

```
.border{ border-color:rgb(200, 209, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 209, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 230);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5935, 0.2922, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 230) }
```

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

```
.background{ background-color: rgb(200,  
209, 230) }
```

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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