

Converting Colors

$Y_{xy}(60.1080, 0.2875, 0.3030)$

Have a look what the booklet for
Yxy(60.1080, 0.2875, 0.3030)
contains.

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Color

Yxy(60.2851, 0.2877, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	BFCDE3
RGB	191, 205, 227
RGB Percent	75%, 80%, 89%
CMY	0.2509, 0.1961, 0.1098
CMYK	0.16, 0.10, 0.00, 0.11
HSL	217°, 39%, 82%
HSV	217°, 16%, 89%
XYZ	57.1844, 60.2851, 81.2944
YIQ	203.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

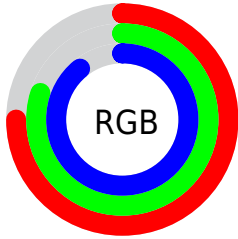
Format	Color
RYB	191, 201, 227
Decimal	12570083
CIELab	81.99, -0.28, -12.49
CIELCh	82, 12.489, 268.705
Yxy	60.2851, 0.2877, 0.3033
Android (android.graphics.Color)	4290760163 (0xFFBFCDE3)
YUV	203.3220, 11.6733, -10.8064
Hunter-Lab	77.6435, -4.4109, -7.7275

Details

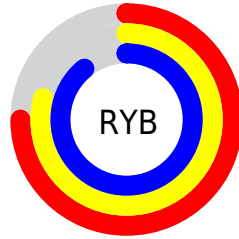
The Yxy color **60.2851, 0.2877, 0.3033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6879, 0.3388, 0.3534**, and the grayscale version is **59.8689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **30.4301, 0.2809, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **51.2215, 0.2708, 0.2846**, and if you desaturate by 10%, it is **70.3987, 0.3038, 0.3201**.

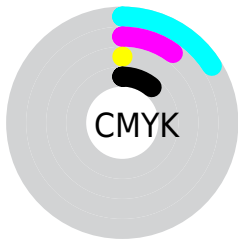
Distribution



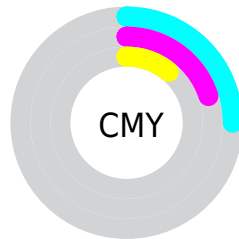
- Red (75%)
- Green (80%)
- Blue (89%)



- Red (75%)
- Yellow (79%)
- Blue (89%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2851, 0.2877, 0.3033 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 60.2851, 0.2877, 0.3033 by changing the saturation by 10% instead.

■ 60.2851, 0.2877,
0.3033

■ 60.2851, 0.2877,
0.3033

425.6478, 0.2996,
0.3156

■ 43.6485, 0.2849,
0.3004

■ 105.2431, 0.2919,
0.3076

■ 30.3942, 0.2814,
0.2968

134.3333, 0.2935,
0.3093

■ 20.1380, 0.2769,
0.2922

168.3435, 0.2949,
0.3107

■ 12.4954, 0.2709,
0.2860

207.6580, 0.2961,
0.3119

■ 7.0820, 0.2625,
0.2773

252.6614, 0.2971,
0.3130

■ 3.5134, 0.2499,
0.2643

303.7378, 0.2981,

■ 1.4053, 0.2294,

0.3140

0.2430

361.2719, 0.2989,
0.3148

0.2206, 0.1313,
0.1429

0.0000, 0.0000,
0.0000

60.2851, 0.2877,
0.3033

60.2851, 0.2877,
0.3033

51.2215, 0.2708,
0.2846

70.3987, 0.3038,
0.3201

43.1641, 0.2535,
0.2642

81.5890, 0.3188,
0.3350

36.0772, 0.2361,
0.2421

93.1025, 0.3301,
0.3482

29.9194, 0.2191,
0.2188

98.3261, 0.3292,
0.3562

■ 24.6462, 0.2034,
0.1949

■ 20.2087, 0.1895,
0.1713

■ 16.5516, 0.1782,
0.1489

■ 13.6101, 0.1698,
0.1285

■ 12.5639, 0.1669,
0.1207

Harmonies

Analogous

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



60.2851, 0.2822, 0.3110



60.2851, 0.2877, 0.3033



60.2851, 0.2999, 0.3025

Triad

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



60.2851, 0.2877, 0.3033



60.2851, 0.3417, 0.3330



60.2851, 0.3090, 0.3511

Complementary

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



60.2851, 0.2877, 0.3033



67.6879, 0.3388, 0.3534

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.



60.2851, 0.3251, 0.3570



60.2851, 0.2877, 0.3033



60.2851, 0.3442, 0.3460

Square

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



60.2851, 0.2877, 0.3033



60.2851, 0.3312, 0.3193



60.2851, 0.3381, 0.3550



60.2851, 0.2943, 0.3387

Rectangle

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



60.2851, 0.2877, 0.3033



60.2851, 0.3103, 0.3057



60.2851, 0.3381, 0.3550



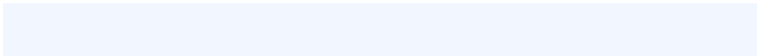
60.2851, 0.3144, 0.3539

Sweetspot

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



60.2876, 0.2877, 0.3033



92.7890, 0.3050, 0.3214



70.8005, 0.2974, 0.3456



19.6499, 0.3039, 0.3202



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.



60.2876, 0.2877, 0.3033



74.4780, 0.2823, 0.2974



54.3643, 0.2897, 0.2868



14.8013, 0.2981, 0.3142



7.5378, 0.1676, 0.1234



0.7331, 0.1757, 0.1525

Inverse Universe

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



58.0064, 0.3314, 0.3134



71.1250, 0.3361, 0.3101



74.4523, 0.3338, 0.3686



14.4603, 0.3232, 0.3199



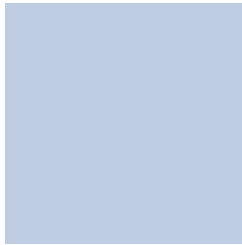
9.9587, 0.5418, 0.2758



0.7537, 0.5026, 0.2543

Previews

White Background



This preview shows how the Yxy color 60.2851, 0.2877, 0.3033 looks on a white background.

Color Contrast Check

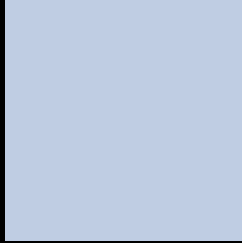
Large Text (above 18pt) WCAG AA × Fail

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 60.2851, 0.2877, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

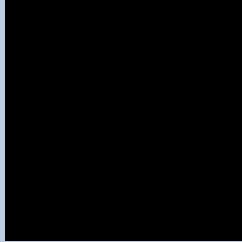
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2851, 0.2877, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 60.2851, 0.2877, 0.3033.



This preview shows how white text looks on a background with the Yxy color 60.2851, 0.2877, 0.3033.

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

60.2851, 0.2877, 0.3033

Protanopia

60.0948, 0.2960, 0.3025

Deuteranopia

59.9867, 0.3021, 0.2954



Tritanopia

60.3637, 0.2902, 0.3101

Trichromacy



Original Color

60.2851, 0.2877, 0.3033

Protanomaly

60.0732, 0.2925, 0.3024

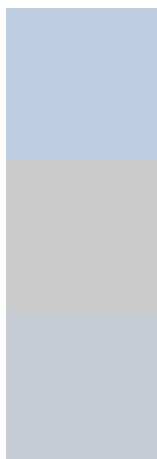
Deuteranomaly

60.2121, 0.2962, 0.2983

Tritanomaly

60.4716, 0.2890, 0.3078

Monochromacy



Original Color

60.2851, 0.2877, 0.3033

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0813, 0.3034, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2851, 0.2877, 0.3033 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(191, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 227)  
}
```

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(191, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.2851, 0.2877, 0.3033 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(191, 205, 227) }
```

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

```
.border{ border-color:rgb(191, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2851, 0.2877, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 227) }
```

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

```
.background{ background-color: rgb(191,  
205, 227) }
```

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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