

Converting Colors

$Y_{xy}(61.2272, 0.2925, 0.3051)$

Have a look what the booklet for
Yxy(61.2272, 0.2925, 0.3051)
contains.

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Color

Yxy(61.0239, 0.2926, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	C5CDE2
RGB	197, 205, 226
RGB Percent	77%, 80%, 89%
CMY	0.2272, 0.1961, 0.1137
CMYK	0.13, 0.09, 0.00, 0.11
HSL	224°, 33%, 83%
HSV	224°, 13%, 89%
XYZ	58.6006, 61.0239, 80.6509
YIQ	205.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

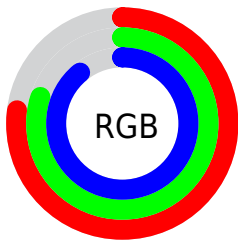
Format	Color
R _{YB}	197, 203, 226
Decimal	12963298
CIE Lab	82.39, 1.46, -11.32
CIE LCh	82, 11.411, 277.327
Yxy	61.0239, 0.2926, 0.3047
Android (android.graphics.Color)	4291153378 (0xFFC5CDE2)
YUV	205.0020, 10.3520, -7.0178
Hunter-Lab	78.1178, -2.8032, -6.5301

Details

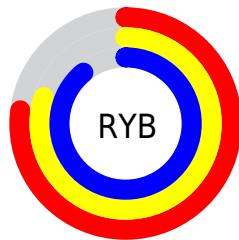
The Yxy color **61.0239, 0.2926, 0.3047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4048, 0.3329, 0.3522**, and the grayscale version is **60.9986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.9131, 0.2872, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **50.7492, 0.2755, 0.2830**, and if you desaturate by 10%, it is **72.5862, 0.3085, 0.3240**.

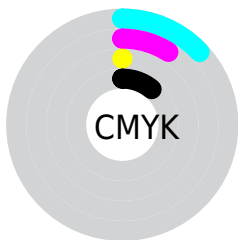
Distribution



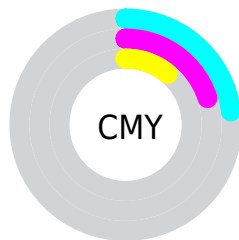
- Red (77%)
- Green (80%)
- Blue (89%)



- Red (77%)
- Yellow (80%)
- Blue (89%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0239, 0.2926, 0.3047 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 61.0239, 0.2926, 0.3047 by changing the saturation by 10% instead.

■ 61.0239, 0.2926,
0.3047

■ 61.0239, 0.2926,
0.3047

428.3616, 0.3022,
0.3162

■ 44.2445, 0.2903,
0.3020

106.3135, 0.2960,
0.3088

■ 30.8627, 0.2875,
0.2986

135.5925, 0.2973,
0.3103

■ 20.4943, 0.2839,
0.2943

169.8068, 0.2984,
0.3117

■ 12.7549, 0.2790,
0.2885

209.3408, 0.2994,
0.3128

■ 7.2600, 0.2722,
0.2805

254.5789, 0.3002,
0.3138

■ 3.6252, 0.2620,
0.2685

305.9055, 0.3009,

■ 1.4662, 0.2452,

0.3147

0.2489

363.7049, 0.3016,
0.3155

0.2648, 0.1755,
0.1618

0.0000, 0.0000,
0.0000

61.0239, 0.2926,
0.3047

61.0239, 0.2926,
0.3047

50.7492, 0.2755,
0.2830

72.5862, 0.3085,
0.3240

41.7090, 0.2574,
0.2591

85.4718, 0.3231,
0.3410

33.8572, 0.2387,
0.2332

97.8020, 0.3298,
0.3565

27.1422, 0.2202,
0.2059

98.2718, 0.3297,
0.3572

■ 21.5081, 0.2025,
0.1781

■ 16.8939, 0.1866,
0.1510

■ 13.2319, 0.1735,
0.1260

■ 10.4443, 0.1638,
0.1045

■ 8.9095, 0.1588,
0.0916

Harmonies

Analogous

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



61.0239, 0.2856, 0.3100



61.0239, 0.2926, 0.3047



61.0239, 0.3050, 0.3057

Triad

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



61.0239, 0.2926, 0.3047



61.0239, 0.3406, 0.3363



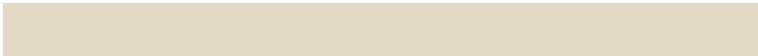
61.0239, 0.3052, 0.3463

Complementary

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



61.0239, 0.2926, 0.3047



70.4048, 0.3329, 0.3522

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.



61.0239, 0.3199, 0.3536



61.0239, 0.2926, 0.3047



61.0239, 0.3405, 0.3474

Square

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



61.0239, 0.2926, 0.3047



61.0239, 0.3329, 0.3237



61.0239, 0.3329, 0.3539



61.0239, 0.2928, 0.3341

Rectangle

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



61.0239, 0.2926, 0.3047



61.0239, 0.3149, 0.3098



61.0239, 0.3329, 0.3539



61.0239, 0.3101, 0.3494

Sweetspot

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



61.0264, 0.2926, 0.3047



93.4774, 0.3066, 0.3218



71.3333, 0.2982, 0.3383



19.7522, 0.3055, 0.3204



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.



61.0264, 0.2926, 0.3047



76.9810, 0.2888, 0.2999



58.2041, 0.2970, 0.2958



13.8496, 0.2981, 0.3115



5.2522, 0.1595, 0.0942



0.5111, 0.1679, 0.1244

Inverse Universe

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



60.5451, 0.3299, 0.3202



76.3140, 0.3335, 0.3186



73.6109, 0.3272, 0.3610



13.7618, 0.3249, 0.3226



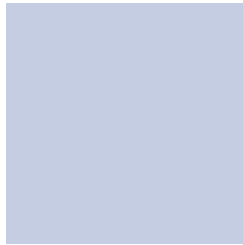
9.4382, 0.5846, 0.2994



0.6690, 0.5404, 0.2751

Previews

White Background



This preview shows how the Yxy color 61.0239, 0.2926, 0.3047 looks on a white background.

Color Contrast Check

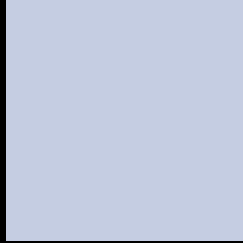
Large Text (above 18pt) WCAG AA × Fail

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 61.0239, 0.2926, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

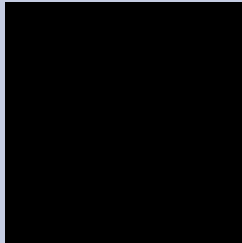
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

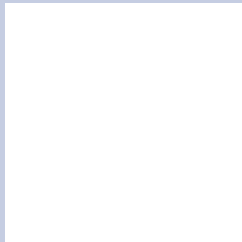
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0239, 0.2926, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 61.0239, 0.2926, 0.3047.



This preview shows how white text looks on a background with the Yxy color 61.0239, 0.2926, 0.3047.

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

61.0239, 0.2926, 0.3047

Protanopia

60.8446, 0.2975, 0.3038

Deuteranopia

60.6890, 0.3043, 0.2977



Tritanopia

61.1523, 0.2945, 0.3104

Trichromacy



Original Color

61.0239, 0.2926, 0.3047

Protanomaly

61.0395, 0.2961, 0.3049

Deuteranomaly

60.7292, 0.2998, 0.2996

Tritanomaly

61.2061, 0.2938, 0.3092

Monochromacy



Original Color

61.0239, 0.2926, 0.3047

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0233, 0.3049, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0239, 0.2926, 0.3047 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(197, 205, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 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(197, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.0239, 0.2926, 0.3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

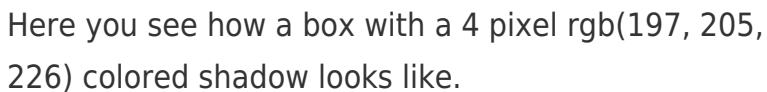
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 205, 226) }
```

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

```
.border{ border-color:rgb(197, 205, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 205, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0239, 0.2926, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 226) }
```

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

```
.background{ background-color: rgb(197,  
205, 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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