

Converting Colors

Yxy(60.3046, 0.2919, 0.3027)

Have a look what the booklet for
Yxy(60.3046, 0.2919, 0.3027)
contains.

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Color

Yxy(60.4125, 0.2918, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	C4CCE2
RGB	196, 204, 226
RGB Percent	77%, 80%, 89%
CMY	0.2314, 0.2000, 0.1137
CMYK	0.13, 0.10, 0.00, 0.11
HSL	224°, 34%, 83%
HSV	224°, 13%, 89%
XYZ	58.0836, 60.4125, 80.5566
YIQ	204.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

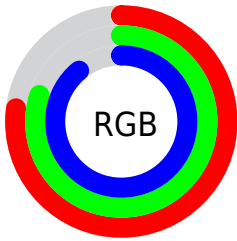
Format	Color
R _Y B	196, 202, 226
Decimal	12897506
CIE Lab	82.06, 1.62, -11.82
CIE LCh	82, 11.927, 277.813
Yxy	60.4125, 0.2918, 0.3035
Android (android.graphics.Color)	4291087586 (0xFFC4CCE2)
YUV	204.1160, 10.7888, -7.1177
Hunter-Lab	77.7255, -2.6281, -7.0418

Details

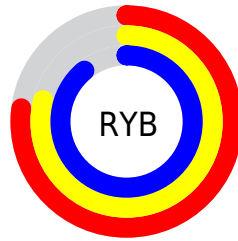
The Yxy color **60.4125, 0.2918, 0.3035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2931, 0.3337, 0.3533**, and the grayscale version is **60.3974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.5038, 0.2862, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **50.1491, 0.2746, 0.2815**, and if you desaturate by 10%, it is **71.9749, 0.3078, 0.3231**.

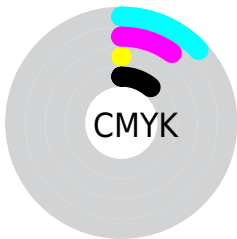
Distribution



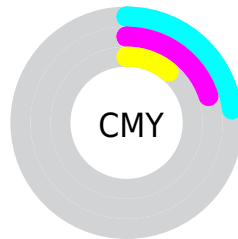
- Red (77%)
- Green (80%)
- Blue (89%)



- Red (77%)
- Yellow (79%)
- Blue (89%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4125, 0.2918, 0.3035 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 60.4125, 0.2918, 0.3035 by changing the saturation by 10% instead.

■ 60.4125, 0.2918,
0.3035

■ 60.4125, 0.2918,
0.3035

426.1166, 0.3018,
0.3156

■ 43.7512, 0.2894,
0.3007

105.4278, 0.2953,
0.3078

■ 30.4750, 0.2865,
0.2971

134.5506, 0.2967,
0.3094

■ 20.1994, 0.2827,
0.2925

168.5961, 0.2978,
0.3108

■ 12.5401, 0.2776,
0.2865

207.9486, 0.2988,
0.3120

■ 7.1126, 0.2705,
0.2780

252.9924, 0.2997,
0.3131

■ 3.5326, 0.2598,
0.2654

304.1121, 0.3005,

■ 1.4157, 0.2421,

0.3140

0.2447

361.6921, 0.3012,
0.3149

0.2283, 0.1641,
0.1460

0.0000, 0.0000,
0.0000

60.4125, 0.2918,
0.3035

60.4125, 0.2918,
0.3035

50.1491, 0.2746,
0.2815

71.9749, 0.3078,
0.3231

41.1307, 0.2564,
0.2573

84.8727, 0.3224,
0.3404

33.3106, 0.2377,
0.2311

97.4446, 0.3299,
0.3559

26.6360, 0.2191,
0.2035

98.2715, 0.3297,
0.3572

■ 21.0501, 0.2014,
0.1755

■ 16.4907, 0.1856,
0.1483

■ 12.8886, 0.1726,
0.1235

■ 10.1643, 0.1630,
0.1022

■ 8.7620, 0.1584,
0.0904

Harmonies

Analogous

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



60.4125, 0.2844, 0.3089



60.4125, 0.2918, 0.3035



60.4125, 0.3049, 0.3047

Triad

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



60.4125, 0.2918, 0.3035



60.4125, 0.3420, 0.3368



60.4125, 0.3046, 0.3470

Complementary

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



60.4125, 0.2918, 0.3035



70.2931, 0.3337, 0.3533

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.



60.4125, 0.3200, 0.3548



60.4125, 0.2918, 0.3035



60.4125, 0.3418, 0.3484

Square

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



60.4125, 0.2918, 0.3035



60.4125, 0.3341, 0.3236



60.4125, 0.3337, 0.3552



60.4125, 0.2916, 0.3341

Rectangle

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



60.4125, 0.2918, 0.3035



60.4125, 0.3152, 0.3090



60.4125, 0.3337, 0.3552



60.4125, 0.3097, 0.3503

Sweetspot

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



60.4150, 0.2918, 0.3035



93.4393, 0.3066, 0.3217



71.1680, 0.2977, 0.3387



19.7426, 0.3055, 0.3203



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.



60.4150, 0.2918, 0.3035



75.4497, 0.2871, 0.2975



57.5917, 0.2964, 0.2945



13.8358, 0.2981, 0.3113



5.1655, 0.1592, 0.0929



0.5035, 0.1675, 0.1229

Inverse Universe

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



60.0050, 0.3308, 0.3201



74.8960, 0.3353, 0.3181



73.5212, 0.3278, 0.3623



13.7604, 0.3250, 0.3228



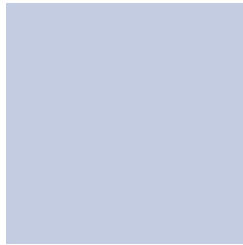
9.4295, 0.5867, 0.3005



0.6683, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 60.4125, 0.2918, 0.3035 looks on a white background.

Color Contrast Check

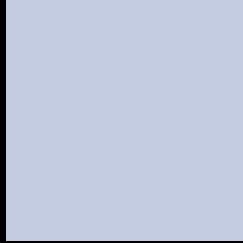
Large Text (above 18pt) WCAG AA × Fail

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 60.4125, 0.2918, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

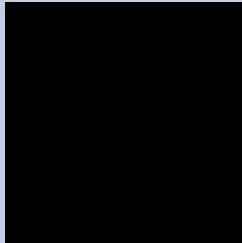
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4125, 0.2918, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 60.4125, 0.2918, 0.3035.



This preview shows how white text looks on a background with the Yxy color 60.4125, 0.2918, 0.3035.

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

60.4125, 0.2918, 0.3035

Protanopia

60.0948, 0.2960, 0.3025

Deuteranopia

60.0804, 0.3035, 0.2965



Tritanopia

60.4852, 0.2944, 0.3103

Trichromacy



Original Color

60.4125, 0.2918, 0.3035

Protanomaly

60.2902, 0.2946, 0.3036

Deuteranomaly

60.1200, 0.2991, 0.2984

Tritanomaly

60.5925, 0.2931, 0.3080

Monochromacy



Original Color

60.4125, 0.2918, 0.3035

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3567, 0.3049, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4125, 0.2918, 0.3035 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(196, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 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(196, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.4125, 0.2918, 0.3035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

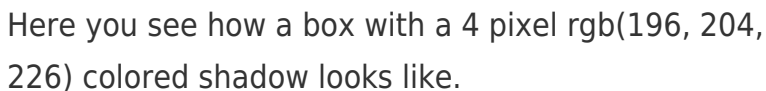
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 204, 226) }
```

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

```
.border{ border-color:rgb(196, 204, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 204, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 204, 226); box-shadow:4px 4px 4px 4px rgb(196, 204, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4125, 0.2918, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 226) }
```

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

```
.background{ background-color: rgb(196,  
204, 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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