

Converting Colors

Yxy(60.0420, 0.2989, 0.3139)

Have a look what the booklet for
Yxy(60.0420, 0.2989, 0.3139)
contains.

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Color

Yxy(60.0658, 0.2985, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	C5CCD9
RGB	197, 204, 217
RGB Percent	77%, 80%, 85%
CMY	0.2275, 0.2000, 0.1491
CMYK	0.09, 0.06, 0.00, 0.15
HSL	219°, 21%, 81%
HSV	219°, 9%, 85%
XYZ	57.1372, 60.0658, 74.2113
YIQ	203.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

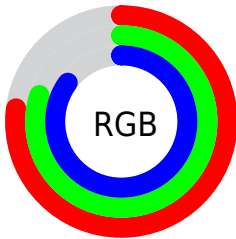
Format	Color
RYB	197, 202, 217
Decimal	12963033
CIELab	81.87, 0.11, -7.26
CIELCh	82, 7.261, 270.902
Yxy	60.0658, 0.2985, 0.3138
Android (android.graphics.Color)	4291153113 (0xFFC5CCD9)
YUV	203.3890, 6.7102, -5.6032
Hunter-Lab	77.5021, -4.0326, -2.5210

Details

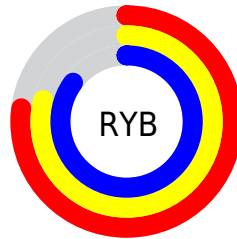
The Yxy color **60.0658, 0.2985, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8463, 0.3272, 0.3438**, and the grayscale version is **59.9383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.2610, 0.2949, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **50.9577, 0.2821, 0.2954**, and if you desaturate by 10%, it is **70.2047, 0.3139, 0.3302**.

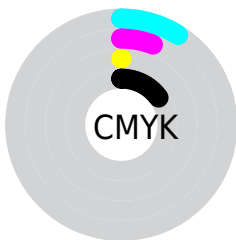
Distribution



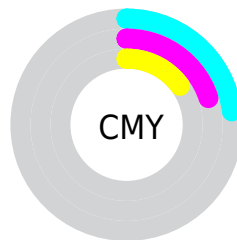
- Red (77%)
- Green (80%)
- Blue (85%)



- Red (77%)
- Yellow (79%)
- Blue (85%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0658, 0.2985, 0.3138 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 60.0658, 0.2985, 0.3138 by changing the saturation by 10% instead.

■ 60.0658, 0.2985,
0.3138

■ 60.0658, 0.2985,
0.3138

424.8403, 0.3053,
0.3211

■ 43.4717, 0.2969,
0.3121

104.9251, 0.3009,
0.3164

■ 30.2554, 0.2949,
0.3099

133.9591, 0.3018,
0.3174

■ 20.0325, 0.2923,
0.3071

167.9085, 0.3026,
0.3182

■ 12.4187, 0.2888,
0.3034

207.1577, 0.3033,
0.3189

■ 7.0295, 0.2838,
0.2981

252.0910, 0.3039,
0.3196

■ 3.4805, 0.2764,
0.2902

303.0930, 0.3044,

■ 1.3875, 0.2638,

0.3201

0.2767

360.5479, 0.3049,
0.3206

0.2075, 0.1753,
0.1818

0.0000, 0.0000,
0.0000

60.0658, 0.2985,
0.3138

60.0658, 0.2985,
0.3138

50.9577, 0.2821,
0.2954

70.2047, 0.3139,
0.3302

42.8391, 0.2648,
0.2749

81.3991, 0.3281,
0.3447

35.6766, 0.2471,
0.2526

92.3151, 0.3364,
0.3578

29.4322, 0.2294,
0.2287

97.7885, 0.3352,
0.3661

■ 24.0648, 0.2123,
0.2038

■ 19.5301, 0.1966,
0.1787

■ 15.7789, 0.1831,
0.1544

■ 12.7555, 0.1724,
0.1320

■ 10.3812, 0.1647,
0.1123

Harmonies

Analogous

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



60.0658, 0.2949, 0.3182



60.0658, 0.2985, 0.3138



60.0658, 0.3059, 0.3135

Triad

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



60.0658, 0.2985, 0.3138



60.0658, 0.3298, 0.3321



60.0658, 0.3100, 0.3413

Complementary

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



60.0658, 0.2985, 0.3138



64.8463, 0.3272, 0.3438

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.



60.0658, 0.3193, 0.3451



60.0658, 0.2985, 0.3138



60.0658, 0.3309, 0.3395

Square

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



60.0658, 0.2985, 0.3138



60.0658, 0.3241, 0.3239



60.0658, 0.3270, 0.3444



60.0658, 0.3014, 0.3341

Rectangle

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



60.0658, 0.2985, 0.3138



60.0658, 0.3121, 0.3156



60.0658, 0.3270, 0.3444



60.0658, 0.3131, 0.3430

Sweetspot

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



60.0683, 0.2985, 0.3138



95.4535, 0.3081, 0.3242



66.1174, 0.3033, 0.3375



20.1759, 0.3069, 0.3229



0.0000, 0.0000, 0.0000



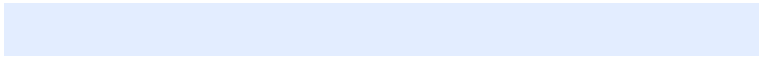
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0683, 0.2985, 0.3138



84.0018, 0.2955, 0.3105



57.1649, 0.3005, 0.3056



13.3623, 0.2981, 0.3134



6.3658, 0.1649, 0.1135



0.5711, 0.1740, 0.1465

Inverse Universe

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



59.0336, 0.3234, 0.3210



82.2742, 0.3258, 0.3193



67.9872, 0.3244, 0.3517



13.1268, 0.3237, 0.3208



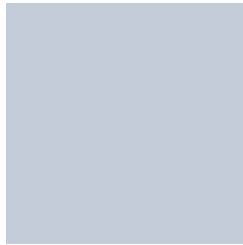
9.2664, 0.5560, 0.2836



0.6163, 0.5105, 0.2586

Previews

White Background



This preview shows how the Yxy color 60.0658, 0.2985, 0.3138 looks on a white background.

Color Contrast Check

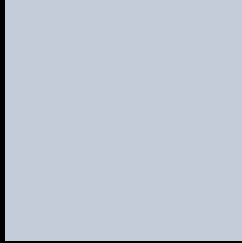
Large Text (above 18pt) WCAG AA × Fail

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 60.0658, 0.2985, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

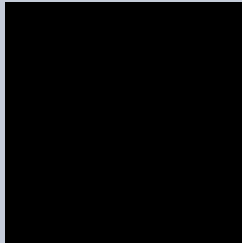
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

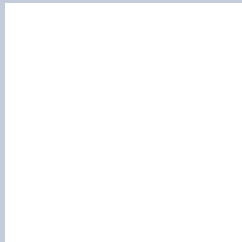
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0658, 0.2985, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 60.0658, 0.2985, 0.3138.

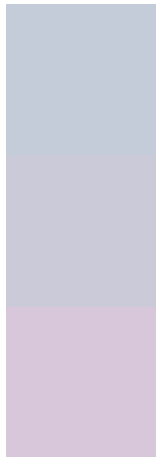


This preview shows how white text looks on a background with the Yxy color 60.0658, 0.2985, 0.3138.

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

60.0658, 0.2985, 0.3138

Protanopia

59.8954, 0.3036, 0.3128

Deuteranopia

60.0491, 0.3122, 0.3065



Tritanopia

60.2234, 0.2965, 0.3103

Trichromacy



Original Color

60.0658, 0.2985, 0.3138

Protanomaly

60.0872, 0.3021, 0.3139

Deuteranomaly

59.9258, 0.3068, 0.3084

Tritanomaly

60.1705, 0.2972, 0.3115

Monochromacy



Original Color

60.0658, 0.2985, 0.3138

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6834, 0.3077, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0658, 0.2985, 0.3138 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, 204, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 217)  
}
```

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, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 217) }
```

Border

The CSS property to change the border of an element to Yxy 60.0658, 0.2985, 0.3138 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, 204, 217) }
```

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

```
.border{ border-color:rgb(197, 204, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 204, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0658, 0.2985, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 217) }
```

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

```
.background{ background-color: rgb(197,  
204, 217) }
```

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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