

Converting Colors

$Yxy(60.4654, 0.2959, 0.3081)$

Have a look what the booklet for
Yxy(60.4654, 0.2959, 0.3081)
contains.

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Color

Yxy(60.4654, 0.2959, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	C6CCDE
RGB	198, 204, 222
RGB Percent	78%, 80%, 87%
CMY	0.2234, 0.2000, 0.1294
CMYK	0.11, 0.08, 0.00, 0.13
HSL	225°, 27%, 82%
HSV	225°, 11%, 87%
XYZ	58.0711, 60.4654, 77.7160
YIQ	204.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

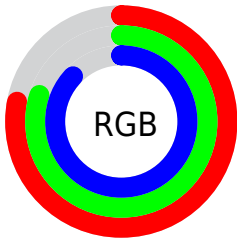
Format	Color
R _{YB}	198, 203, 222
Decimal	13028574
CIE Lab	82.09, 1.47, -9.62
CIE LCh	82, 9.726, 278.679
Yxy	60.4654, 0.2959, 0.3081
Android (android.graphics.Color)	4291218654 (0xFFC6CCDE)
YUV	204.2580, 8.7468, -5.4883
Hunter-Lab	77.7595, -2.7746, -4.8252

Details

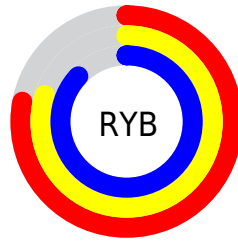
The Yxy color **60.4654, 0.2959, 0.3081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7345, 0.3295, 0.3491**, and the grayscale version is **60.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5320, 0.2914, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **50.1632, 0.2789, 0.2862**, and if you desaturate by 10%, it is **72.0631, 0.3115, 0.3276**.

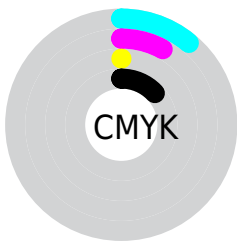
Distribution



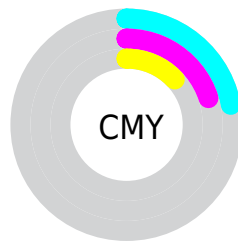
- Red (78%)
- Green (80%)
- Blue (87%)



- Red (78%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4654, 0.2959, 0.3081 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 60.4654, 0.2959, 0.3081 by changing the saturation by 10% instead.

■ 60.4654, 0.2959,
0.3081

■ 60.4654, 0.2959,
0.3081

426.3111, 0.3039,
0.3180

■ 43.7939, 0.2940,
0.3058

105.5045, 0.2987,
0.3116

■ 30.5085, 0.2916,
0.3028

134.6408, 0.2998,
0.3130

■ 20.2249, 0.2885,
0.2991

168.7009, 0.3008,
0.3141

■ 12.5586, 0.2844,
0.2941

208.0691, 0.3016,
0.3151

■ 7.1253, 0.2786,
0.2870

253.1299, 0.3023,
0.3160

■ 3.5406, 0.2699,
0.2765

304.2675, 0.3029,

■ 1.4201, 0.2553,

0.3167

0.2591

361.8665, 0.3034,
0.3174

0.2314, 0.1812,
0.1640

0.0000, 0.0000,
0.0000

60.4654, 0.2959,
0.3081

60.4654, 0.2959,
0.3081

50.1632, 0.2789,
0.2862

72.0631, 0.3115,
0.3276

41.1032, 0.2609,
0.2619

84.9920, 0.3258,
0.3447

33.2395, 0.2421,
0.2355

97.4243, 0.3323,
0.3602

26.5201, 0.2232,
0.2076

98.0539, 0.3321,
0.3611

■ 20.8894, 0.2049,
0.1790

■ 16.2867, 0.1884,
0.1511

■ 12.6446, 0.1745,
0.1254

■ 9.8866, 0.1640,
0.1032

■ 8.0338, 0.1575,
0.0869

Harmonies

Analogous

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



60.4654, 0.2896, 0.3125



60.4654, 0.2959, 0.3081



60.4654, 0.3067, 0.3092

Triad

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



60.4654, 0.2959, 0.3081



60.4654, 0.3366, 0.3358



60.4654, 0.3058, 0.3433

Complementary

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



60.4654, 0.2959, 0.3081



68.7345, 0.3295, 0.3491

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.



60.4654, 0.3183, 0.3498



60.4654, 0.2959, 0.3081



60.4654, 0.3363, 0.3451

Square

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



60.4654, 0.2959, 0.3081



60.4654, 0.3304, 0.3249



60.4654, 0.3296, 0.3504



60.4654, 0.2953, 0.3328

Rectangle

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



60.4654, 0.2959, 0.3081



60.4654, 0.3152, 0.3128



60.4654, 0.3296, 0.3504



60.4654, 0.3099, 0.3461

Sweetspot

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



60.4679, 0.2959, 0.3081



94.9671, 0.3082, 0.3234



69.2098, 0.2999, 0.3358



20.0450, 0.3069, 0.3219



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.



60.4679, 0.2959, 0.3081



79.3786, 0.2921, 0.3033



58.5148, 0.3003, 0.3014



13.7951, 0.2981, 0.3109



4.9206, 0.1581, 0.0892



0.4817, 0.1663, 0.1187

Inverse Universe

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



60.2897, 0.3273, 0.3223



79.1420, 0.3309, 0.3208



70.9204, 0.3244, 0.3559



13.7563, 0.3253, 0.3232



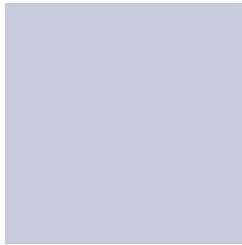
9.4048, 0.5925, 0.3037



0.6661, 0.5485, 0.2795

Previews

White Background



This preview shows how the Yxy color 60.4654, 0.2959, 0.3081 looks on a white background.

Color Contrast Check

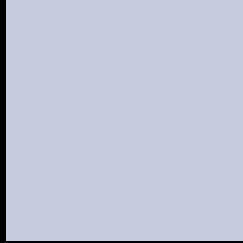
Large Text (above 18pt) WCAG AA × Fail

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 60.4654, 0.2959, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

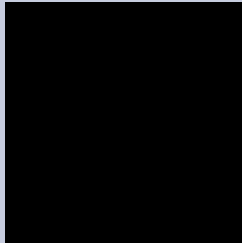
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

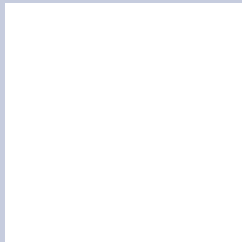
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4654, 0.2959, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 60.4654, 0.2959, 0.3081.

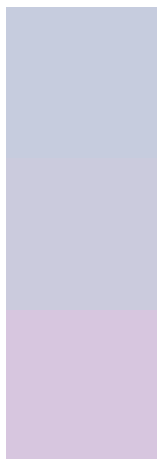


This preview shows how white text looks on a background with the Yxy color 60.4654, 0.2959, 0.3081.

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

60.4654, 0.2959, 0.3081

Protanopia

60.6288, 0.3002, 0.3083

Deuteranopia

60.1630, 0.3079, 0.3010



Tritanopia

60.3588, 0.2972, 0.3104

Trichromacy



Original Color

60.4654, 0.2959, 0.3081

Protanomaly

60.3498, 0.2987, 0.3082

Deuteranomaly

60.1916, 0.3033, 0.3029

Tritanomaly

60.4120, 0.2965, 0.3092

Monochromacy



Original Color

60.4654, 0.2959, 0.3081

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4454, 0.3063, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4654, 0.2959, 0.3081 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(198, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 222)  
}
```

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(198, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 222) }
```

Border

The CSS property to change the border of an element to Yxy 60.4654, 0.2959, 0.3081 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(198, 204, 222) }
```

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

```
.border{ border-color:rgb(198, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4654, 0.2959, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 222) }
```

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

```
.background{ background-color: rgb(198,  
204, 222) }
```

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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