

# Converting Colors

Yxy(60.5678, 0.2967, 0.3122)

Have a look what the booklet for  
Yxy(60.5678, 0.2967, 0.3122)  
contains.

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# Color

**Yxy(60.6474, 0.2972, 0.3127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CDDB
RGB	197, 205, 219
RGB Percent	77%, 80%, 86%
CMY	0.2274, 0.1961, 0.1413
CMYK	0.10, 0.06, 0.00, 0.14
HSL	218°, 23%, 82%
HSV	218°, 10%, 86%
XYZ	57.6412, 60.6474, 75.6589
YIQ	204.2040, -9.2620, 2.6580

# Conversions

## Conversions Part 2

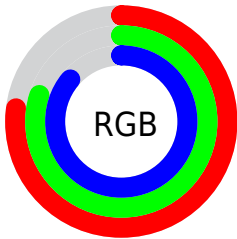
Format	Color
<b>RYB</b>	197, 203, 219
Decimal	12963291
CIELab	82.19, -0.01, -7.85
CIELCh	82, 7.854, 269.959
Yxy	60.6474, 0.2972, 0.3127
Android (android.graphics.Color)	4291153371 (0xFFC5CDDB)
YUV	204.2040, 7.2944, -6.3179
Hunter-Lab	77.8764, -4.1648, -3.0882

# Details

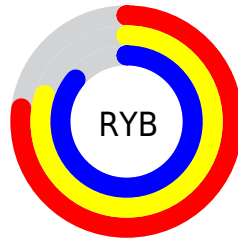
The Yxy color  $60.6474, 0.2972, 0.3127$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $65.6584, 0.3286, 0.3448$ , and the grayscale version is  $60.4778, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $99.8108, 0.3121, 0.3290$ , and  $30.6532, 0.2931, 0.3088$  is the 20% darker color. If you saturate the color by 10%, you get  $51.5383, 0.2807, 0.2945$ , and if you desaturate by 10%, it is  $70.7835, 0.3127, 0.3290$ .

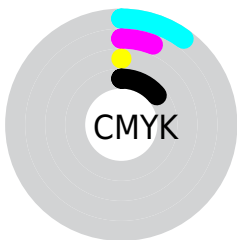
# Distribution



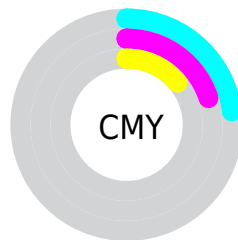
- Red (77%)
- Green (80%)
- Blue (86%)



- Red (77%)
- Yellow (80%)
- Blue (86%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6474, 0.2972, 0.3127 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 60.6474, 0.2972, 0.3127 by changing the saturation by 10% instead.



■ 60.6474, 0.2972,  
0.3127

■ 60.6474, 0.2972,  
0.3127

426.9800, 0.3046,  
0.3205

■ 43.9407, 0.2955,  
0.3109

105.7682, 0.2998,  
0.3154

■ 30.6239, 0.2933,  
0.3086

134.9511, 0.3008,  
0.3165

■ 20.3126, 0.2904,  
0.3056

169.0615, 0.3017,  
0.3174

■ 12.6225, 0.2867,  
0.3016

208.4838, 0.3024,  
0.3182

■ 7.1691, 0.2813,  
0.2960

253.6024, 0.3031,  
0.3189

■ 3.5681, 0.2733,  
0.2876

304.8017, 0.3036,

■ 1.4350, 0.2599,

0.3195

0.2735

362.4661, 0.3041,  
0.3200

0.2423, 0.1791,  
0.1885

0.0000, 0.0000,  
0.0000

60.6474, 0.2972,  
0.3127

60.6474, 0.2972,  
0.3127

51.5383, 0.2807,  
0.2945

70.7835, 0.3127,  
0.3290

43.4149, 0.2635,  
0.2743

81.9712, 0.3271,  
0.3433

36.2439, 0.2459,  
0.2522

92.7538, 0.3351,  
0.3564

29.9872, 0.2283,  
0.2287

97.8925, 0.3340,  
0.3641

■ 24.6038, 0.2115,  
0.2042

■ 20.0491, 0.1961,  
0.1796

■ 16.2738, 0.1830,  
0.1557

■ 13.2218, 0.1726,  
0.1336

■ 10.8129, 0.1651,  
0.1142

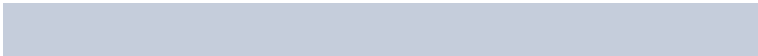
# Harmonies

## Analogous

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



60.6474, 0.2934, 0.3175



60.6474, 0.2972, 0.3127



60.6474, 0.3051, 0.3122

# Triad

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



60.6474, 0.2972, 0.3127



60.6474, 0.3310, 0.3320



60.6474, 0.3101, 0.3425

# Complementary

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



60.6474, 0.2972, 0.3127



65.6584, 0.3286, 0.3448

# 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.



60.6474, 0.3202, 0.3464



60.6474, 0.2972, 0.3127



60.6474, 0.3324, 0.3401

# Square

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



60.6474, 0.2972, 0.3127



60.6474, 0.3247, 0.3233



60.6474, 0.3284, 0.3455



60.6474, 0.3008, 0.3348



# Rectangle

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



60.6474, 0.2972, 0.3127



60.6474, 0.3117, 0.3144



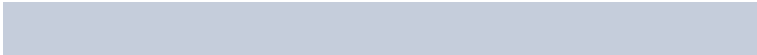
60.6474, 0.3284, 0.3455



60.6474, 0.3135, 0.3443

# Sweetspot

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



60.6499, 0.2972, 0.3127



95.5137, 0.3081, 0.3243



67.2140, 0.3025, 0.3383



20.1921, 0.3069, 0.3230



0.0000, 0.0000, 0.0000

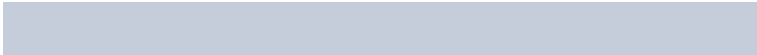


21.4041, 0.3127, 0.3290



# Same Dimension

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



60.6499, 0.2972, 0.3127



82.8603, 0.2939, 0.3091



57.3211, 0.2993, 0.3034



13.3898, 0.2981, 0.3137



6.6047, 0.1658, 0.1169



0.5886, 0.1750, 0.1499



# Inverse Universe

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



59.4000, 0.3242, 0.3200



80.8163, 0.3269, 0.3180



69.2794, 0.3254, 0.3537



13.1295, 0.3235, 0.3205



9.2905, 0.5510, 0.2809

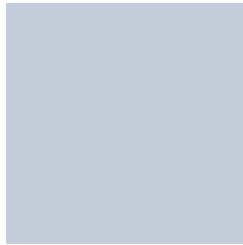


0.6181, 0.5061, 0.2562



# Previews

## White Background



This preview shows how the Yxy color 60.6474, 0.2972, 0.3127 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

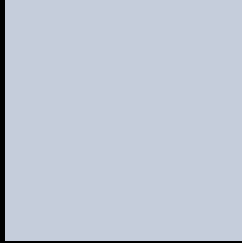
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.6474, 0.2972, 0.3127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

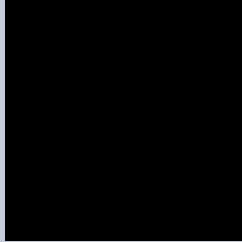
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

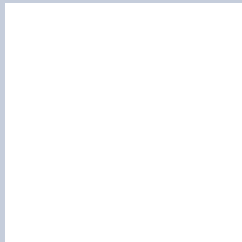
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.6474, 0.2972, 0.3127**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.6474, 0.2972, 0.3127.

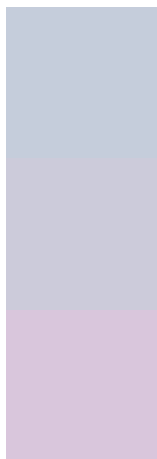


This preview shows how white text looks on a background with the Yxy color 60.6474, 0.2972, 0.3127.

# 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

60.6474, 0.2972, 0.3127

### Protanopia

60.6112, 0.3030, 0.3117

### Deuteranopia

60.3072, 0.3115, 0.3044



## Tritanopia

60.7534, 0.2958, 0.3104

# Trichromacy



## Original Color

60.6474, 0.2972, 0.3127

## Protanomaly

60.6652, 0.3008, 0.3128

## Deuteranomaly

60.6422, 0.3061, 0.3074

## Tritanomaly

60.7003, 0.2965, 0.3115

# Monochromacy



## Original Color

60.6474, 0.2972, 0.3127

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.2067, 0.3069, 0.3231

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.6474, 0.2972, 0.3127 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 60.6474, 0.2972, 0.3127 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, 219) }
```

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

```
.border{ border-color:rgb(197, 205, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.6474, 0.2972, 0.3127 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, 219) }
```

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

```
.background{ background-color: rgb(197,  
205, 219) }
```

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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