

# Converting Colors

$Yxy(58.7353, 0.3024, 0.3230)$

Have a look what the booklet for  
Yxy(58.7353, 0.3024, 0.3230)  
contains.

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# Color

**Yxy(58.7353, 0.3024, 0.3230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2CBD0
RGB	194, 203, 208
RGB Percent	76%, 80%, 82%
CMY	0.2392, 0.2039, 0.1843
CMYK	0.07, 0.02, 0.00, 0.18
HSL	201°, 13%, 79%
HSV	201°, 7%, 82%
XYZ	54.9893, 58.7353, 68.1184
YIQ	200.8790, -6.9690, -0.3530

# Conversions

## Conversions Part 2

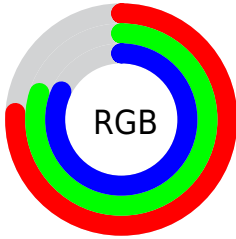
Format	Color
R <sub>Y</sub> B	194, 199, 208
Decimal	12766160
CIE Lab	81.15, -2.10, -3.56
CIE LCh	81, 4.135, 239.434
Yxy	58.7353, 0.3024, 0.3230
Android (android.graphics.Color)	4290956240 (0xFFC2CBD0)
YUV	200.8790, 3.5107, -6.0329
Hunter-Lab	76.6390, -6.0424, 0.9490

# Details

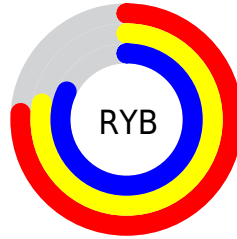
The Yxy color **58.7353, 0.3024, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1541, 0.3235, 0.3349**, and the grayscale version is **58.3123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.4034, 0.2991, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **52.7499, 0.2869, 0.3133**, and if you desaturate by 10%, it is **65.2791, 0.3177, 0.3318**.

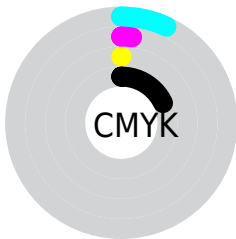
# Distribution



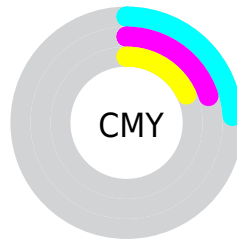
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7353, 0.3024, 0.3230 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 58.7353, 0.3024, 0.3230 by changing the saturation by 10% instead.



■ 58.7353, 0.3024,  
0.3230

■ 58.7353, 0.3024,  
0.3230

419.9203, 0.3074,  
0.3259

■ 42.4001, 0.3012,  
0.3223

■ 102.9929, 0.3042,  
0.3240

■ 29.4147, 0.2997,  
0.3214

131.6840, 0.3048,  
0.3244

■ 19.3947, 0.2978,  
0.3203

165.2625, 0.3054,  
0.3248

■ 11.9559, 0.2952,  
0.3187

204.1129, 0.3059,  
0.3251

■ 6.7136, 0.2916,  
0.3165

248.6194, 0.3063,  
0.3253

■ 3.2837, 0.2860,  
0.3131

299.1666, 0.3067,

■ 1.2816, 0.2764,

0.3255

0.3070

356.1387, 0.3070,  
0.3257

0.1269, 0.1187,  
0.2175

0.0000, 0.0000,  
0.0000

58.7353, 0.3024,  
0.3230

58.7353, 0.3024,  
0.3230

52.7499, 0.2869,  
0.3133

65.2791, 0.3177,  
0.3318

47.2971, 0.2714,  
0.3026

72.3911, 0.3325,  
0.3396

42.3601, 0.2563,  
0.2910

79.8236, 0.3457,  
0.3465

37.9181, 0.2418,  
0.2786

83.9354, 0.3444,  
0.3539

■ 33.9486, 0.2285,  
0.2655

■ 88.2242, 0.3431,  
0.3611

■ 30.4269, 0.2166,  
0.2520

■ 92.6922, 0.3418,  
0.3681

■ 27.3254, 0.2065,  
0.2382

■ 97.3345, 0.3406,  
0.3750

■ 24.6120, 0.1985,  
0.2244

■ 22.2462, 0.1925,  
0.2110

# Harmonies

## Analogous

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



58.7353, 0.3032, 0.3273



58.7353, 0.3024, 0.3230



58.7353, 0.3044, 0.3203

# Triad

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



58.7353, 0.3024, 0.3230



58.7353, 0.3190, 0.3259



58.7353, 0.3168, 0.3382

# Complementary

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



58.7353, 0.3024, 0.3230



58.1541, 0.3235, 0.3349

# 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.



58.7353, 0.3211, 0.3377



58.7353, 0.3024, 0.3230



58.7353, 0.3224, 0.3306

# Square

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



58.7353, 0.3024, 0.3230



58.7353, 0.3140, 0.3220



58.7353, 0.3232, 0.3349



58.7353, 0.3114, 0.3362

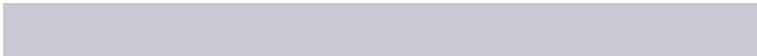


# Rectangle

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



58.7353, 0.3024, 0.3230



58.7353, 0.3070, 0.3198



58.7353, 0.3232, 0.3349



58.7353, 0.3184, 0.3383

# Sweetspot

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



58.7378, 0.3024, 0.3230



97.8888, 0.3096, 0.3272



60.7043, 0.3085, 0.3399



20.9744, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

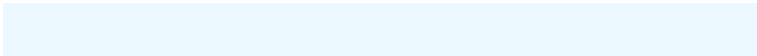


# Same Dimension

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



58.7378, 0.3024, 0.3230



91.7731, 0.3003, 0.3217



55.5484, 0.3025, 0.3147



12.6670, 0.2983, 0.3205



13.6033, 0.1913, 0.2085



0.9076, 0.1981, 0.2331



# Inverse Universe

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



56.3060, 0.3172, 0.3185



87.2074, 0.3182, 0.3163



61.4043, 0.3228, 0.3429



11.9344, 0.3192, 0.3142



9.4445, 0.4358, 0.2174

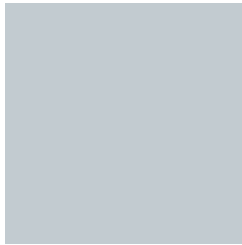


0.5429, 0.4094, 0.2029



# Previews

## White Background



This preview shows how the Yxy color 58.7353, 0.3024, 0.3230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

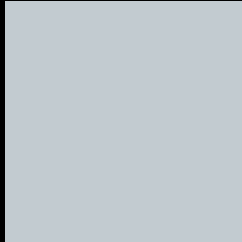
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.7353, 0.3024, 0.3230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

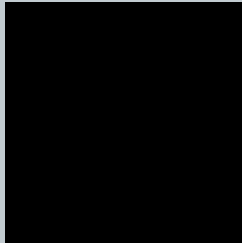
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

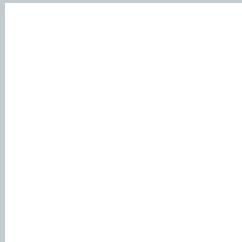
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 58.7353, 0.3024, 0.3230**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.7353, 0.3024, 0.3230.



This preview shows how white text looks on a background with the Yxy color 58.7353, 0.3024, 0.3230.

# 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

58.7353, 0.3024, 0.3230

### Protanopia

58.4613, 0.3107, 0.3219

### Deuteranopia

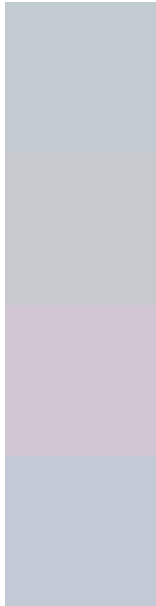
58.4351, 0.3191, 0.3120



## Tritanopia

58.9866, 0.2977, 0.3113

# Trichromacy



## Original Color

58.7353, 0.3024, 0.3230

## Protanomaly

58.5576, 0.3077, 0.3219

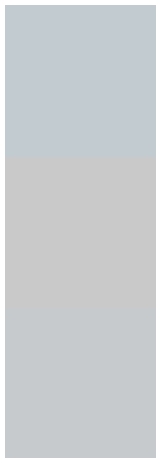
## Deuteranomaly

58.5469, 0.3133, 0.3163

## Tritanomaly

58.6982, 0.2990, 0.3148

# Monochromacy



## Original Color

58.7353, 0.3024, 0.3230

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

58.6065, 0.3082, 0.3266

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.7353, 0.3024, 0.3230 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(194, 203, 208)` looks like.

```
.text, #text, p{  
  color:rgb(194, 203, 208)  
}
```

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(194, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 58.7353, 0.3024, 0.3230 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(194, 203, 208) }
```

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

```
.border{ border-color:rgb(194, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 203, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 203, 208); box-shadow:4px 4px 4px 4px rgb(194, 203, 208) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.7353, 0.3024, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 208) }
```

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

```
.background{ background-color: rgb(194,  
203, 208) }
```

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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