

# Converting Colors

Yxy(54.5219, 0.2959, 0.3190)

Have a look what the booklet for  
Yxy(54.5219, 0.2959, 0.3190)  
contains.

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# Color

**Yxy(54.4076, 0.2962, 0.3191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C5CD
RGB	183, 197, 205
RGB Percent	72%, 77%, 80%
CMY	0.2826, 0.2274, 0.1961
CMYK	0.11, 0.04, 0.00, 0.20
HSL	202°, 18%, 76%
HSV	202°, 11%, 80%
XYZ	50.5031, 54.4076, 65.5926
YIQ	193.7260, -10.9120, -0.4800

# Conversions

## Conversions Part 2

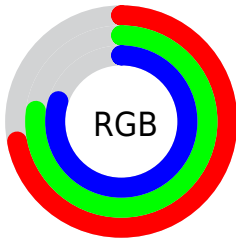
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 192, 205
Decimal	12043725
CIE <sub>Lab</sub>	78.70, -3.21, -5.64
CIE <sub>LCh</sub>	79, 6.487, 240.363
Yxy	54.4076, 0.2962, 0.3191
Android (android.graphics.Color)	4290233805 (0xFFB7C5CD)
YUV	193.7260, 5.5581, -9.4067
Hunter-Lab	73.7615, -6.8671, -1.0907

# Details

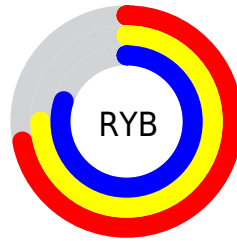
The Yxy color **54.4076, 0.2962, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6196, 0.3305, 0.3387**, and the grayscale version is **53.7457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4543, 0.3029, 0.3280**, and **26.6251, 0.2918, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **48.7933, 0.2807, 0.3089**, and if you desaturate by 10%, it is **60.5580, 0.3116, 0.3283**.

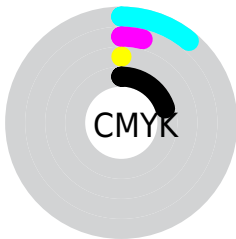
# Distribution



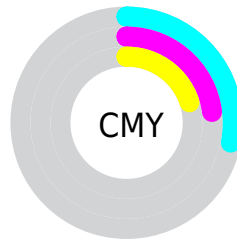
- Red (72%)
- Green (77%)
- Blue (80%)



- Red (72%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4076, 0.2962, 0.3191 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 54.4076, 0.2962, 0.3191 by changing the saturation by 10% instead.



■ 54.4076, 0.2962,  
0.3191

■ 54.4076, 0.2962,  
0.3191

403.6624, 0.3042,  
0.3240

■ 38.9276, 0.2943,  
0.3179

■ 96.6725, 0.2991,  
0.3208

■ 26.7034, 0.2918,  
0.3164

124.2261, 0.3001,  
0.3215

■ 17.3506, 0.2887,  
0.3144

156.5732, 0.3011,  
0.3221

■ 10.4848, 0.2843,  
0.3117

194.0979, 0.3019,  
0.3226

■ 5.7216, 0.2781,  
0.3077

237.1848, 0.3026,  
0.3230

■ 2.6765, 0.2685,  
0.3015

286.2183, 0.3032,

■ 0.9653, 0.2515,

0.3233

0.2900

341.5827, 0.3037,  
0.3237

0.0000, 0.0000,  
0.0000

54.4076, 0.2962,  
0.3191

54.4076, 0.2962,  
0.3191

48.7933, 0.2807,  
0.3089

60.5580, 0.3116,  
0.3283

43.6903, 0.2653,  
0.2977

67.2548, 0.3266,  
0.3366

39.0813, 0.2503,  
0.2856

74.5165, 0.3410,  
0.3440

34.9458, 0.2362,  
0.2728

80.4242, 0.3475,  
0.3510

31.2611, 0.2234,  
0.2593

84.5585, 0.3462,  
0.3583

■ 28.0022, 0.2121,  
0.2455

■ 88.8694, 0.3448,  
0.3654

■ 25.1409, 0.2027,  
0.2315

■ 93.3589, 0.3435,  
0.3724

■ 22.6442, 0.1955,  
0.2177

■ 97.1875, 0.3424,  
0.3780

■ 20.6069, 0.1903,  
0.2051

# Harmonies

## Analogous

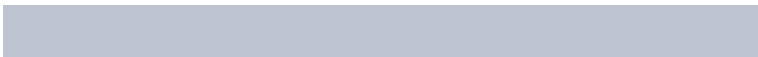
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.4076, 0.2973, 0.3260



54.4076, 0.2962, 0.3191



54.4076, 0.2995, 0.3150

# Triad

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



54.4076, 0.2962, 0.3191



54.4076, 0.3231, 0.3242



54.4076, 0.3190, 0.3438

# Complementary

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



54.4076, 0.2962, 0.3191



53.6196, 0.3305, 0.3387

# 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.



54.4076, 0.3260, 0.3431



54.4076, 0.2962, 0.3191



54.4076, 0.3284, 0.3317

# Square

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



54.4076, 0.2962, 0.3191



54.4076, 0.3149, 0.3180



54.4076, 0.3295, 0.3386



54.4076, 0.3103, 0.3404



# Rectangle

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



54.4076, 0.2962, 0.3191



54.4076, 0.3037, 0.3143



54.4076, 0.3295, 0.3386



54.4076, 0.3216, 0.3441

# Sweetspot

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



54.4099, 0.2962, 0.3191



96.8258, 0.3081, 0.3263



57.4666, 0.3061, 0.3468



20.5461, 0.3068, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

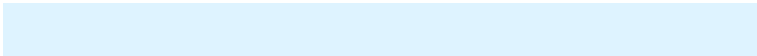


# Same Dimension

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



54.4099, 0.2962, 0.3191



86.8357, 0.2925, 0.3167



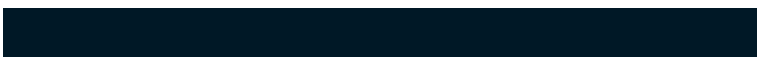
49.6914, 0.2960, 0.3055



12.0182, 0.2983, 0.3204



13.0154, 0.1909, 0.2071



0.8123, 0.1982, 0.2336



# Inverse Universe

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



50.8540, 0.3202, 0.3121



79.8948, 0.3221, 0.3082



58.4886, 0.3291, 0.3514



11.3322, 0.3192, 0.3143



9.1169, 0.4373, 0.2183

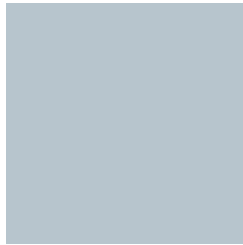


0.4845, 0.4089, 0.2026



# Previews

## White Background



This preview shows how the Yxy color 54.4076, 0.2962, 0.3191 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

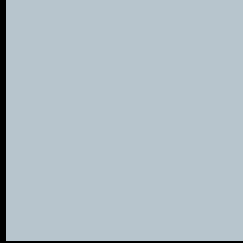
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.4076, 0.2962, 0.3191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

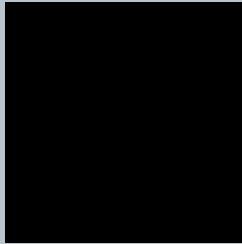
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

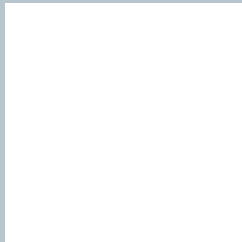
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.4076, 0.2962, 0.3191**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.4076, 0.2962, 0.3191.



This preview shows how white text looks on a background with the Yxy color 54.4076, 0.2962, 0.3191.

# 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

54.4076, 0.2962, 0.3191

### Protanopia

54.1875, 0.3077, 0.3169

### Deuteranopia

54.3101, 0.3145, 0.3079



## Tritanopia

54.4237, 0.2922, 0.3094

# Trichromacy



## Original Color

54.4076, 0.2962, 0.3191

## Protanomaly

54.0196, 0.3030, 0.3168

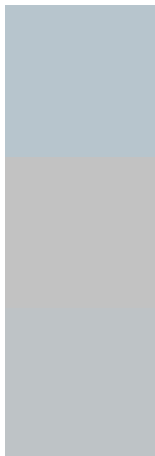
## Deuteranomaly

54.2976, 0.3079, 0.3122

## Tritanomaly

54.2737, 0.2942, 0.3130

# Monochromacy



## Original Color

54.4076, 0.2962, 0.3191

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

54.0546, 0.3066, 0.3253

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.4076, 0.2962, 0.3191 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(183, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 205)  
}
```

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(183, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 205) }
```

## Border

The CSS property to change the border of an element to Yxy 54.4076, 0.2962, 0.3191 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(183, 197, 205) }
```

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

```
.border{ border-color:rgb(183, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
205) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.4076, 0.2962, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 205) }
```

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

```
.background{ background-color: rgb(183,  
197, 205) }
```

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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