

Converting Colors

Yxy(52.8620, 0.2977, 0.3141)

Have a look what the booklet for
Yxy(52.8620, 0.2977, 0.3141)
contains.

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Color

Yxy(52.8620, 0.2977, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	B9C1CD
RGB	185, 193, 205
RGB Percent	73%, 76%, 80%
CMY	0.2744, 0.2431, 0.1960
CMYK	0.10, 0.06, 0.00, 0.20
HSL	216°, 17%, 76%
HSV	216°, 10%, 80%
XYZ	50.1019, 52.8620, 65.3328
YIQ	191.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

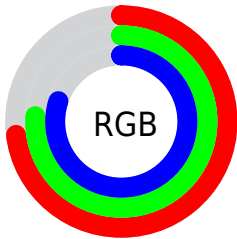
Format	Color
RYB	185, 191, 205
Decimal	12173773
CIELab	77.79, -0.38, -6.98
CIELCh	78, 6.987, 266.876
Yxy	52.8620, 0.2977, 0.3141
Android (android.graphics.Color)	4290363853 (0xFFB9C1CD)
YUV	191.9760, 6.4208, -6.1180
Hunter-Lab	72.7063, -4.2315, -2.3828

Details

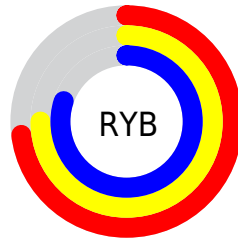
The Yxy color **52.8620, 0.2977, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4374, 0.3281, 0.3435**, and the grayscale version is **52.6664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6721, 0.3042, 0.3231**, and **25.8961, 0.2937, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **45.2715, 0.2814, 0.2970**, and if you desaturate by 10%, it is **61.2787, 0.3131, 0.3294**.

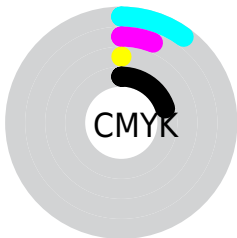
Distribution



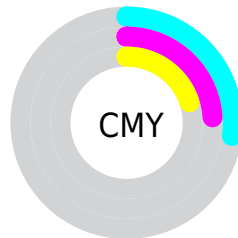
- Red (73%)
- Green (76%)
- Blue (80%)



- Red (73%)
- Yellow (75%)
- Blue (80%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8620, 0.2977, 0.3141 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 52.8620, 0.2977, 0.3141 by changing the saturation by 10% instead.

■ 52.8620, 0.2977,
0.3141

■ 52.8620, 0.2977,
0.3141

397.7554, 0.3050,
0.3214

■ 37.6926, 0.2959,
0.3123

■ 94.4013, 0.3003,
0.3167

■ 25.7442, 0.2937,
0.3101

121.5399, 0.3013,
0.3177

■ 16.6324, 0.2907,
0.3071

153.4372, 0.3022,
0.3186

■ 9.9727, 0.2867,
0.3031

190.4774, 0.3029,
0.3193

■ 5.3809, 0.2808,
0.2973

233.0449, 0.3035,
0.3199

■ 2.4724, 0.2716,
0.2880

281.5241, 0.3041,

■ 0.8628, 0.2551,

0.3205

0.2714

336.2995, 0.3046,
0.3210

0.0000, 0.0000,
0.0000

52.8620, 0.2977,
0.3141

52.8620, 0.2977,
0.3141

45.2715, 0.2814,
0.2970

61.2787, 0.3131,
0.3294

38.4739, 0.2645,
0.2781

70.5403, 0.3275,
0.3428

32.4432, 0.2473,
0.2575

80.6732, 0.3408,
0.3547

27.1493, 0.2302,
0.2355

89.3477, 0.3446,
0.3661

22.5598, 0.2139,
0.2124

96.9448, 0.3424,
0.3777

■ 18.6396, 0.1989,
0.1891

■ 97.1888, 0.3424,
0.3780

■ 15.3498, 0.1861,
0.1662

■ 12.6461, 0.1758,
0.1447

■ 10.4590, 0.1682,
0.1252

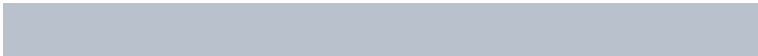
Harmonies

Analogous

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



52.8620, 0.2947, 0.3190



52.8620, 0.2977, 0.3141



52.8620, 0.3047, 0.3132

Triad

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



52.8620, 0.2977, 0.3141



52.8620, 0.3294, 0.3310



52.8620, 0.3112, 0.3421

Complementary

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



52.8620, 0.2977, 0.3141



56.4374, 0.3281, 0.3435

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.



52.8620, 0.3206, 0.3453



52.8620, 0.2977, 0.3141



52.8620, 0.3311, 0.3387

Square

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



52.8620, 0.2977, 0.3141



52.8620, 0.3231, 0.3229



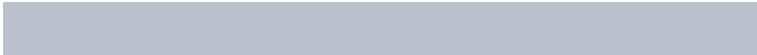
52.8620, 0.3279, 0.3440



52.8620, 0.3024, 0.3352

Rectangle

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



52.8620, 0.2977, 0.3141



52.8620, 0.3108, 0.3150



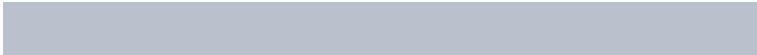
52.8620, 0.3279, 0.3440



52.8620, 0.3144, 0.3436

Sweetspot

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



52.8642, 0.2977, 0.3141



95.6789, 0.3081, 0.3245



58.0214, 0.3032, 0.3388



20.2366, 0.3069, 0.3233



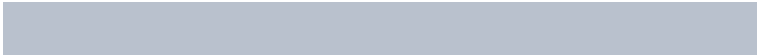
0.0000, 0.0000, 0.0000



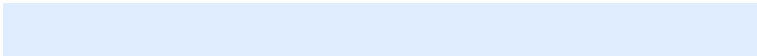
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8642, 0.2977, 0.3141



83.4718, 0.2939, 0.3102



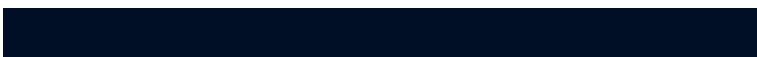
49.6817, 0.2992, 0.3042



11.5661, 0.2983, 0.3147



6.6541, 0.1687, 0.1274



0.4905, 0.1797, 0.1668

Inverse Universe

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



51.5380, 0.3233, 0.3194



80.8780, 0.3262, 0.3170



59.8757, 0.3255, 0.3529



11.2866, 0.3229, 0.3198



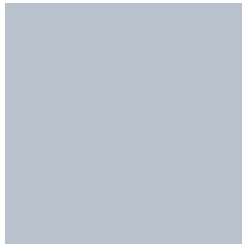
8.4747, 0.5363, 0.2728



0.4521, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 52.8620, 0.2977, 0.3141 looks on a white background.

Color Contrast Check

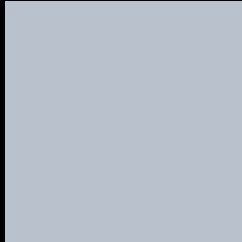
Large Text (above 18pt) WCAG AA × Fail

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 52.8620, 0.2977, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

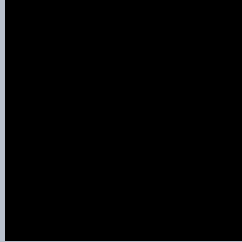
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

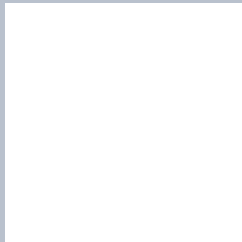
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8620, 0.2977, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 52.8620, 0.2977, 0.3141.

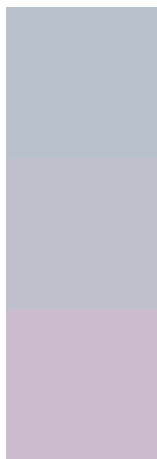


This preview shows how white text looks on a background with the Yxy color 52.8620, 0.2977, 0.3141.

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

52.8620, 0.2977, 0.3141

Protanopia

52.8277, 0.3039, 0.3131

Deuteranopia

52.8342, 0.3121, 0.3065



Tritanopia

53.0083, 0.2956, 0.3105

Trichromacy



Original Color

52.8620, 0.2977, 0.3141

Protanomaly

52.8777, 0.3015, 0.3142

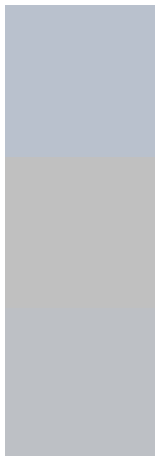
Deuteranomaly

52.7217, 0.3064, 0.3085

Tritanomaly

52.9592, 0.2963, 0.3117

Monochromacy



Original Color

52.8620, 0.2977, 0.3141

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5493, 0.3066, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8620, 0.2977, 0.3141 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(185, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 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(185, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.8620, 0.2977, 0.3141 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(185, 193, 205) }
```

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

```
.border{ border-color:rgb(185, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8620, 0.2977, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 205) }
```

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

```
.background{ background-color: rgb(185,  
193, 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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