

Converting Colors

$Yxy(53.8537, 0.2918, 0.3177)$

Have a look what the booklet for
Yxy(53.8537, 0.2918, 0.3177)
contains.

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Color

Yxy(53.8537, 0.2918, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5CE
RGB	178, 197, 206
RGB Percent	70%, 77%, 81%
CMY	0.3021, 0.2274, 0.1921
CMYK	0.14, 0.04, 0.00, 0.19
HSL	199°, 22%, 75%
HSV	199°, 14%, 81%
XYZ	49.4634, 53.8537, 66.1941
YIQ	192.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

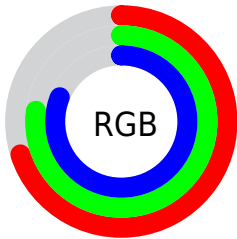
Format	Color
RYB	178, 189, 206
Decimal	11716046
CIELab	78.38, -4.62, -6.71
CIELCh	78, 8.144, 235.469
Yxy	53.8537, 0.2918, 0.3177
Android (android.graphics.Color)	4289906126 (0xFFB2C5CE)
YUV	192.3450, 6.7319, -12.5806
Hunter-Lab	73.3851, -8.1105, -2.1106

Details

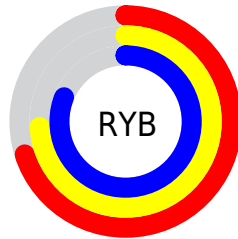
The Yxy color **53.8537, 0.2918, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8708, 0.3360, 0.3400**, and the grayscale version is **52.8894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5960, 0.2999, 0.3280**, and **26.2719, 0.2860, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **48.6594, 0.2765, 0.3084**, and if you desaturate by 10%, it is **59.5504, 0.3072, 0.3262**.

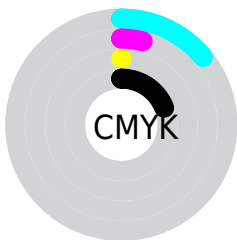
Distribution



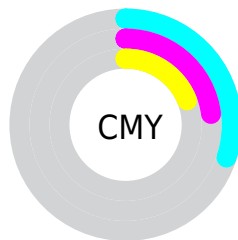
- Red (70%)
- Green (77%)
- Blue (81%)



- Red (70%)
- Yellow (74%)
- Blue (81%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8537, 0.2918, 0.3177 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 53.8537, 0.2918, 0.3177 by changing the saturation by 10% instead.

■ 53.8537, 0.2918,
0.3177

■ 53.8537, 0.2918,
0.3177

401.5519, 0.3019,
0.3233

■ 38.4847, 0.2894,
0.3163

■ 95.8594, 0.2954,
0.3197

■ 26.3591, 0.2863,
0.3146

123.2649, 0.2968,
0.3205

■ 17.0925, 0.2822,
0.3123

155.4514, 0.2980,
0.3211

■ 10.3004, 0.2768,
0.3091

192.8032, 0.2990,
0.3217

■ 5.5986, 0.2689,
0.3045

235.7047, 0.2999,
0.3222

■ 2.6026, 0.2568,
0.2971

284.5405, 0.3006,

■ 0.9280, 0.2349,

0.3226

0.2836

339.6947, 0.3013,
0.3230

0.0000, 0.0000,
0.0000

53.8537, 0.2918,
0.3177

53.8537, 0.2918,
0.3177

48.6594, 0.2765,
0.3084

59.5504, 0.3072,
0.3262

43.9428, 0.2614,
0.2983

65.7598, 0.3224,
0.3338

39.6871, 0.2471,
0.2874

72.5000, 0.3372,
0.3405

35.8715, 0.2338,
0.2759

78.7519, 0.3474,
0.3468

32.4732, 0.2220,
0.2640

82.3682, 0.3462,
0.3533

■ 29.4671, 0.2118,
0.2518

■ 86.1244, 0.3450,
0.3598

■ 26.8241, 0.2036,
0.2395

■ 90.0220, 0.3438,
0.3661

■ 24.5097, 0.1975,
0.2273

■ 94.0625, 0.3426,
0.3723

■ 23.1664, 0.1944,
0.2197

■ 97.2373, 0.3418,
0.3770

Harmonies

Analogous

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



53.8537, 0.2940, 0.3267



53.8537, 0.2918, 0.3177



53.8537, 0.2951, 0.3119

Triad

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



53.8537, 0.2918, 0.3177



53.8537, 0.3243, 0.3215



53.8537, 0.3223, 0.3480

Complementary

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



53.8537, 0.2918, 0.3177



51.8708, 0.3360, 0.3400

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.



53.8537, 0.3306, 0.3462



53.8537, 0.2918, 0.3177



53.8537, 0.3318, 0.3308

Square

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



53.8537, 0.2918, 0.3177



53.8537, 0.3137, 0.3142



53.8537, 0.3341, 0.3398



53.8537, 0.3115, 0.3445

Rectangle

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



53.8537, 0.2918, 0.3177



53.8537, 0.2999, 0.3106



53.8537, 0.3341, 0.3398



53.8537, 0.3254, 0.3479

Sweetspot

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



53.8559, 0.2918, 0.3177



96.0436, 0.3065, 0.3258



57.1965, 0.3049, 0.3532



20.4013, 0.3054, 0.3252



0.0000, 0.0000, 0.0000



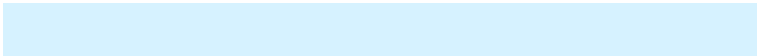
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8559, 0.2918, 0.3177



84.9869, 0.2878, 0.3154



47.8318, 0.2913, 0.2999



12.0957, 0.2983, 0.3214



14.4437, 0.1949, 0.2214



0.8787, 0.2014, 0.2449

Inverse Universe

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



48.9851, 0.3216, 0.3061



75.8588, 0.3235, 0.3016



58.0554, 0.3337, 0.3565



11.3400, 0.3186, 0.3134



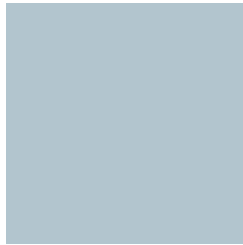
9.2611, 0.4217, 0.2097



0.4913, 0.3973, 0.1962

Previews

White Background



This preview shows how the Yxy color 53.8537, 0.2918, 0.3177 looks on a white background.

Color Contrast Check

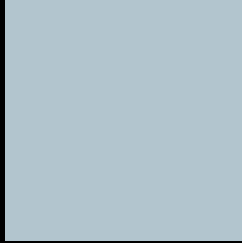
Large Text (above 18pt) WCAG AA × Fail

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 53.8537, 0.2918, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

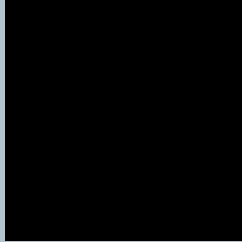
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

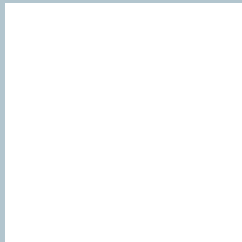
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8537, 0.2918, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 53.8537, 0.2918, 0.3177.



This preview shows how white text looks on a background with the Yxy color 53.8537, 0.2918, 0.3177.

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

53.8537, 0.2918, 0.3177

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

53.6423, 0.3122, 0.3055



Tritanopia

53.8170, 0.2885, 0.3092

Trichromacy



Original Color

53.8537, 0.2918, 0.3177

Protanomaly

53.6346, 0.3007, 0.3167

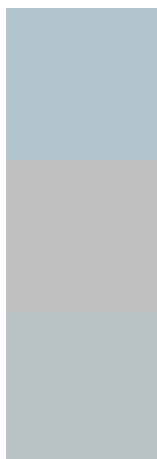
Deuteranomaly

53.5024, 0.3048, 0.3097

Tritanomaly

53.7167, 0.2898, 0.3116

Monochromacy



Original Color

53.8537, 0.2918, 0.3177

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1796, 0.3050, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8537, 0.2918, 0.3177 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(178, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 206)  
}
```

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(178, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.8537, 0.2918, 0.3177 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(178, 197, 206) }
```

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

```
.border{ border-color:rgb(178, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8537, 0.2918, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 206) }
```

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

```
.background{ background-color: rgb(178,  
197, 206) }
```

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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