

Converting Colors

$Y_{xy}(53.2452, 0.2969, 0.3110)$

Have a look what the booklet for
Yxy(53.2452, 0.2969, 0.3110)
contains.

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Color

Yxy(53.2588, 0.2971, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1D0
RGB	187, 193, 208
RGB Percent	73%, 76%, 82%
CMY	0.2668, 0.2431, 0.1843
CMYK	0.10, 0.07, 0.00, 0.18
HSL	223°, 18%, 77%
HSV	223°, 10%, 82%
XYZ	50.9439, 53.2588, 67.2680
YIQ	192.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

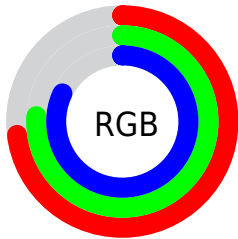
Format	Color
RYB	187, 192, 208
Decimal	12304848
CIELab	78.03, 0.86, -8.22
CIELCh	78, 8.267, 275.974
Yxy	53.2588, 0.2971, 0.3106
Android (android.graphics.Color)	4290494928 (0xFFBBC1D0)
YUV	192.9160, 7.4364, -5.1883
Hunter-Lab	72.9786, -3.1077, -3.5654

Details

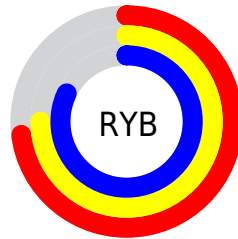
The Yxy color **53.2588, 0.2971, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2210, 0.3284, 0.3468**, and the grayscale version is **53.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0260, 0.3055, 0.3231**, and **26.1576, 0.2929, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **44.5937, 0.2804, 0.2901**, and if you desaturate by 10%, it is **62.9657, 0.3126, 0.3288**.

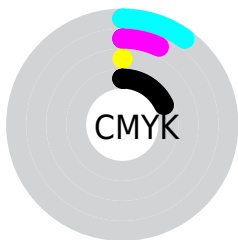
Distribution



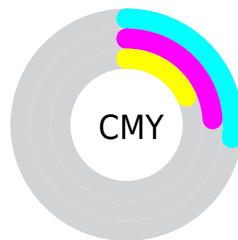
- Red (73%)
- Green (76%)
- Blue (82%)



- Red (73%)
- Yellow (75%)
- Blue (82%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2588, 0.2971, 0.3106 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 53.2588, 0.2971, 0.3106 by changing the saturation by 10% instead.

■ 53.2588, 0.2971,
0.3106

■ 53.2588, 0.2971,
0.3106

■ 399.2772, 0.3047,
0.3196

■ 38.0094, 0.2953,
0.3084

■ 94.9851, 0.2998,
0.3138

■ 25.9900, 0.2929,
0.3057

■ 122.2308, 0.3009,
0.3150

■ 16.8162, 0.2898,
0.3021

■ 154.2440, 0.3017,
0.3161

■ 10.1035, 0.2857,
0.2972

■ 191.4092, 0.3025,
0.3170

■ 5.4676, 0.2796,
0.2902

■ 234.1107, 0.3032,
0.3177

■ 2.5242, 0.2701,
0.2792

■ 282.7329, 0.3038,

■ 0.8887, 0.2532,

0.3184

0.2598

337.6603, 0.3043,
0.3190

0.0000, 0.0000,
0.0000

53.2588, 0.2971,
0.3106

53.2588, 0.2971,
0.3106

44.5937, 0.2804,
0.2901

62.9657, 0.3126,
0.3288

36.9283, 0.2628,
0.2674

73.7415, 0.3267,
0.3449

30.2271, 0.2444,
0.2426

85.6206, 0.3396,
0.3589

24.4500, 0.2260,
0.2163

95.6408, 0.3410,
0.3726

19.5539, 0.2082,
0.1891

97.3340, 0.3406,
0.3751

■ 15.4921, 0.1920,
0.1622

■ 12.2128, 0.1781,
0.1367

■ 9.6573, 0.1674,
0.1141

■ 7.7553, 0.1599,
0.0955

Harmonies

Analogous

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



53.2588, 0.2920, 0.3149



53.2588, 0.2971, 0.3106



53.2588, 0.3065, 0.3111

Triad

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



53.2588, 0.2971, 0.3106



53.2588, 0.3336, 0.3342



53.2588, 0.3076, 0.3424

Complementary

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



53.2588, 0.2971, 0.3106



59.2210, 0.3284, 0.3468

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.



53.2588, 0.3187, 0.3477



53.2588, 0.2971, 0.3106



53.2588, 0.3339, 0.3427

Square

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



53.2588, 0.2971, 0.3106



53.2588, 0.3276, 0.3246



53.2588, 0.3284, 0.3477



53.2588, 0.2979, 0.3333

Rectangle

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



53.2588, 0.2971, 0.3106



53.2588, 0.3139, 0.3140



53.2588, 0.3284, 0.3477



53.2588, 0.3113, 0.3447

Sweetspot

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



53.2610, 0.2971, 0.3106



95.1473, 0.3082, 0.3237



59.9229, 0.3015, 0.3366



20.0935, 0.3069, 0.3223



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.



53.2610, 0.2971, 0.3106



81.5134, 0.2938, 0.3066



51.1849, 0.3003, 0.3033



11.9626, 0.2982, 0.3119



4.9779, 0.1605, 0.0979



0.4147, 0.1709, 0.1350

Inverse Universe

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



52.7915, 0.3256, 0.3218



80.6803, 0.3285, 0.3203



61.5065, 0.3244, 0.3539



11.8633, 0.3246, 0.3223



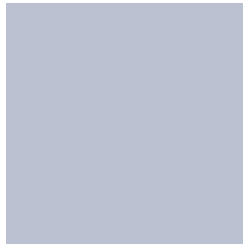
8.5738, 0.5791, 0.2964



0.4932, 0.5258, 0.2670

Previews

White Background



This preview shows how the Yxy color 53.2588, 0.2971, 0.3106 looks on a white background.

Color Contrast Check

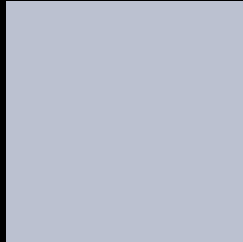
Large Text (above 18pt) WCAG AA × Fail

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 53.2588, 0.2971, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

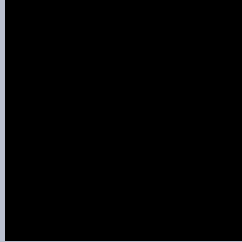
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

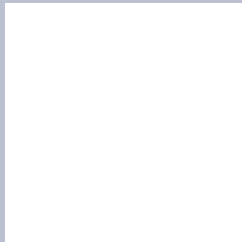
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2588, 0.2971, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 53.2588, 0.2971, 0.3106.

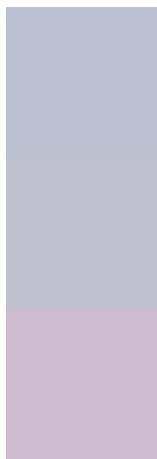


This preview shows how white text looks on a background with the Yxy color 53.2588, 0.2971, 0.3106.

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

53.2588, 0.2971, 0.3106

Protanopia

53.4107, 0.3017, 0.3108

Deuteranopia

52.9815, 0.3099, 0.3030



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.2588, 0.2971, 0.3106

Protanomaly

53.1514, 0.3001, 0.3107

Deuteranomaly

53.0044, 0.3050, 0.3050

Tritanomaly

53.2588, 0.2971, 0.3106

Monochromacy



Original Color

53.2588, 0.2971, 0.3106

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2935, 0.3074, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2588, 0.2971, 0.3106 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(187, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 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(187, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 53.2588, 0.2971, 0.3106 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(187, 193, 208) }
```

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

```
.border{ border-color:rgb(187, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2588, 0.2971, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 208) }
```

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

```
.background{ background-color: rgb(187,  
193, 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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