

Converting Colors

$Y_{xy}(53.1271, 0.2897, 0.3098)$

Have a look what the booklet for
Yxy(53.1271, 0.2897, 0.3098)
contains.

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Color

Yxy(53.2671, 0.2898, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	B3C3D2
RGB	179, 195, 210
RGB Percent	70%, 76%, 82%
CMY	0.2979, 0.2353, 0.1764
CMYK	0.15, 0.07, 0.00, 0.18
HSL	209°, 26%, 76%
HSV	209°, 15%, 82%
XYZ	49.7480, 53.2671, 68.6481
YIQ	191.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

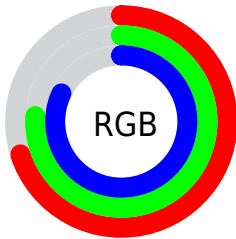
Format	Color
R_{YB}	179, 190, 210
Decimal	11781074
CIE _{Lab}	78.03, -2.36, -9.37
CIE _{LCh}	78, 9.664, 255.840
Yxy	53.2671, 0.2898, 0.3103
Android (android.graphics.Color)	4289971154 (0xFFB3C3D2)
YUV	191.9260, 8.9105, -11.3361
Hunter-Lab	72.9843, -6.0523, -4.6784

Details

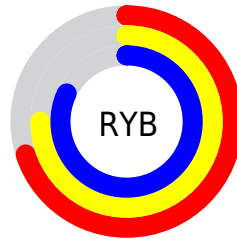
The Yxy color **53.2671, 0.2898, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5806, 0.3374, 0.3470**, and the grayscale version is **52.6258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5030, 0.3005, 0.3260**, and **25.8857, 0.2832, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **46.5413, 0.2737, 0.2959**, and if you desaturate by 10%, it is **60.6903, 0.3055, 0.3233**.

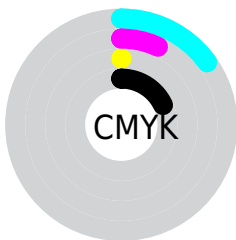
Distribution



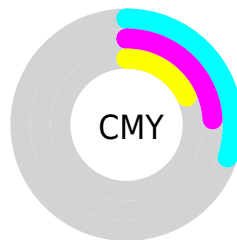
- Red (70%)
- Green (76%)
- Blue (82%)



- Red (70%)
- Yellow (75%)
- Blue (82%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2671, 0.2898, 0.3103 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 53.2671, 0.2898, 0.3103 by changing the saturation by 10% instead.

■ 53.2671, 0.2898,
0.3103

■ 53.2671, 0.2898,
0.3103

■ 399.3090, 0.3009,
0.3195

■ 38.0160, 0.2871,
0.3081

■ 94.9973, 0.2938,
0.3136

■ 25.9951, 0.2837,
0.3052

■ 122.2452, 0.2953,
0.3148

■ 16.8200, 0.2793,
0.3015

■ 154.2609, 0.2966,
0.3159

■ 10.1062, 0.2733,
0.2964

■ 191.4286, 0.2977,
0.3168

■ 5.4695, 0.2646,
0.2891

■ 234.1330, 0.2987,
0.3176

■ 2.5253, 0.2512,
0.2775

■ 282.7582, 0.2995,

■ 0.8892, 0.2275,

0.3183

0.2569

337.6888, 0.3003,
0.3189

0.0000, 0.0000,
0.0000

53.2671, 0.2898,
0.3103

53.2671, 0.2898,
0.3103

46.5413, 0.2737,
0.2959

60.6903, 0.3055,
0.3233

40.4828, 0.2575,
0.2801

68.8264, 0.3205,
0.3349

35.0691, 0.2415,
0.2630

77.6985, 0.3348,
0.3452

30.2734, 0.2262,
0.2450

85.7670, 0.3425,
0.3548

26.0668, 0.2121,
0.2262

91.7968, 0.3408,
0.3646

■ 22.4171, 0.1997,
0.2072

■ 97.4344, 0.3393,
0.3730

■ 19.2882, 0.1895,
0.1884

■ 16.6371, 0.1816,
0.1704

■ 15.4011, 0.1782,
0.1613

Harmonies

Analogous

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



53.2671, 0.2880, 0.3186



53.2671, 0.2898, 0.3103



53.2671, 0.2976, 0.3071

Triad

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



53.2671, 0.2898, 0.3103



53.2671, 0.3331, 0.3274



53.2671, 0.3154, 0.3495

Complementary

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



53.2671, 0.2898, 0.3103



55.5806, 0.3374, 0.3470

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.



53.2671, 0.3277, 0.3516



53.2671, 0.2898, 0.3103



53.2671, 0.3381, 0.3386

Square

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



53.2671, 0.2898, 0.3103



53.2671, 0.3226, 0.3169



53.2671, 0.3361, 0.3475



53.2671, 0.3026, 0.3415

Rectangle

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



53.2671, 0.2898, 0.3103



53.2671, 0.3053, 0.3081



53.2671, 0.3361, 0.3475



53.2671, 0.3198, 0.3509

Sweetspot

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



53.2693, 0.2898, 0.3103



94.9988, 0.3066, 0.3242



59.5906, 0.3008, 0.3488



20.1367, 0.3054, 0.3232



0.0000, 0.0000, 0.0000



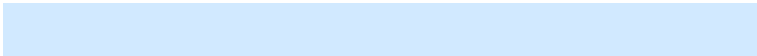
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2693, 0.2898, 0.3103



78.9123, 0.2843, 0.3055



46.7086, 0.2891, 0.2906



12.4096, 0.2982, 0.3174



9.5943, 0.1789, 0.1638



0.6950, 0.1879, 0.1964

Inverse Universe

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



49.9029, 0.3266, 0.3100



72.7775, 0.3304, 0.3054



62.8130, 0.3348, 0.3647



11.9084, 0.3211, 0.3171



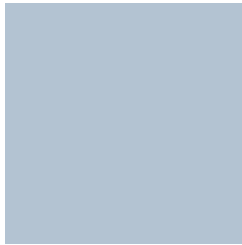
9.0398, 0.4883, 0.2464



0.5215, 0.4494, 0.2249

Previews

White Background



This preview shows how the Yxy color 53.2671, 0.2898, 0.3103 looks on a white background.

Color Contrast Check

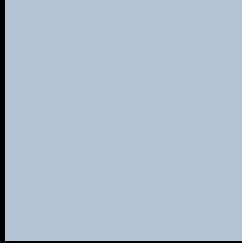
Large Text (above 18pt) WCAG AA × Fail

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 53.2671, 0.2898, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

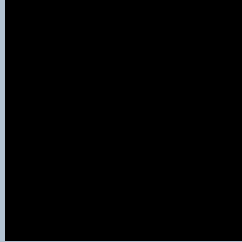
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

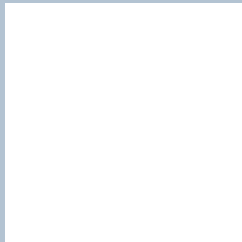
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2671, 0.2898, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 53.2671, 0.2898, 0.3103.



This preview shows how white text looks on a background with the Yxy color 53.2671, 0.2898, 0.3103.

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

53.2671, 0.2898, 0.3103

Protanopia

53.0221, 0.3010, 0.3083

Deuteranopia

52.9906, 0.3068, 0.2995



Tritanopia

53.2671, 0.2898, 0.3103

Trichromacy



Original Color

53.2671, 0.2898, 0.3103

Protanomaly

52.8675, 0.2964, 0.3081

Deuteranomaly

52.9994, 0.3004, 0.3037

Tritanomaly

53.2671, 0.2898, 0.3103

Monochromacy



Original Color

53.2671, 0.2898, 0.3103

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8282, 0.3035, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2671, 0.2898, 0.3103 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(179, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 210)  
}
```

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(179, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.2671, 0.2898, 0.3103 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(179, 195, 210) }
```

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

```
.border{ border-color:rgb(179, 195, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 210);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2671, 0.2898, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 210) }
```

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

```
.background{ background-color: rgb(179,  
195, 210) }
```

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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