

Converting Colors

$Y_{xy}(53.2996, 0.2980, 0.3071)$

Have a look what the booklet for
Yxy(53.2996, 0.2980, 0.3071)
contains.

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Color

Yxy(53.2996, 0.2980, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	BEC0D2
RGB	190, 192, 210
RGB Percent	75%, 75%, 82%
CMY	0.2549, 0.2471, 0.1764
CMYK	0.10, 0.09, 0.00, 0.18
HSL	234°, 18%, 78%
HSV	234°, 10%, 82%
XYZ	51.7202, 53.2996, 68.5380
YIQ	193.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

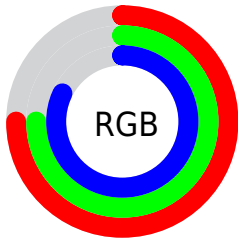
Format	Color
R _Y B	190, 192, 210
Decimal	12501202
CIE Lab	78.05, 2.81, -9.25
CIE LCh	78, 9.663, 286.902
Yxy	53.2996, 0.2980, 0.3071
Android (android.graphics.Color)	4290691282 (0xFFBEC0D2)
YUV	193.4540, 8.1572, -3.0292
Hunter-Lab	73.0066, -1.3063, -4.5564

Details

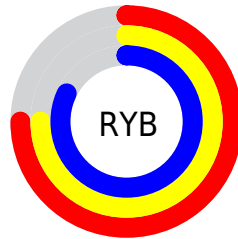
The Yxy color **53.2996, 0.2980, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5414, 0.3270, 0.3500**, and the grayscale version is **53.5659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9476, 0.3074, 0.3222**, and **26.1839, 0.2940, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **43.0109, 0.2808, 0.2811**, and if you desaturate by 10%, it is **65.0496, 0.3134, 0.3300**.

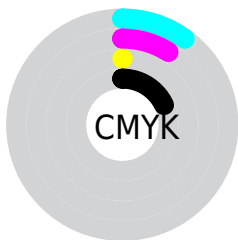
Distribution



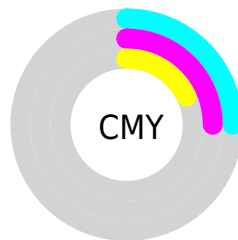
- Red (75%)
- Green (75%)
- Blue (82%)



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



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2996, 0.2980, 0.3071 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 53.2996, 0.2980, 0.3071 by changing the saturation by 10% instead.

■ 53.2996, 0.2980,
0.3071

■ 53.2996, 0.2980,
0.3071

399.4335, 0.3052,
0.3177

■ 38.0420, 0.2962,
0.3045

□ 95.0451, 0.3006,
0.3109

■ 26.0153, 0.2940,
0.3013

122.3017, 0.3016,
0.3123

■ 16.8351, 0.2911,
0.2971

154.3269, 0.3024,
0.3136

■ 10.1170, 0.2871,
0.2914

191.5049, 0.3031,
0.3146

■ 5.4766, 0.2814,
0.2833

234.2202, 0.3037,
0.3155

■ 2.5295, 0.2723,
0.2707

282.8571, 0.3043,

■ 0.8914, 0.2561,

0.3164

0.2487

337.8001, 0.3048,
0.3171

0.0000, 0.0000,
0.0000

53.2996, 0.2980,
0.3071

53.2996, 0.2980,
0.3071

43.0109, 0.2808,
0.2811

65.0496, 0.3134,
0.3300

34.1198, 0.2620,
0.2523

78.3081, 0.3271,
0.3500

26.5680, 0.2419,
0.2210

93.1281, 0.3390,
0.3674

20.2902, 0.2214,
0.1882

97.4335, 0.3394,
0.3731

15.2160, 0.2014,
0.1556

■ 11.2677, 0.1833,
0.1251

■ 8.3587, 0.1685,
0.0990

■ 6.3895, 0.1580,
0.0792

■ 5.2258, 0.1519,
0.0666

Harmonies

Analogous

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



53.2996, 0.2900, 0.3101



53.2996, 0.2980, 0.3071



53.2996, 0.3101, 0.3098

Triad

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



53.2996, 0.2980, 0.3071



53.2996, 0.3381, 0.3389



53.2996, 0.3022, 0.3412

Complementary

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



53.2996, 0.2980, 0.3071



62.5414, 0.3270, 0.3500

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.



53.2996, 0.3150, 0.3493



53.2996, 0.2980, 0.3071



53.2996, 0.3359, 0.3477

Square

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



53.2996, 0.2980, 0.3071



53.2996, 0.3334, 0.3278



53.2996, 0.3273, 0.3516



53.2996, 0.2924, 0.3297

Rectangle

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



53.2996, 0.2980, 0.3071



53.2996, 0.3188, 0.3143



53.2996, 0.3273, 0.3516



53.2996, 0.3063, 0.3444

Sweetspot

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



53.3018, 0.2980, 0.3071



94.2608, 0.3082, 0.3223



61.5995, 0.2995, 0.3313



19.8551, 0.3070, 0.3205



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.



53.3018, 0.2980, 0.3071



79.9914, 0.2954, 0.3031



53.4929, 0.3042, 0.3051



11.6041, 0.2982, 0.3074



3.2311, 0.1521, 0.0674



0.2468, 0.1579, 0.0884

Inverse Universe

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



54.3407, 0.3277, 0.3267



81.8694, 0.3306, 0.3263



62.3724, 0.3206, 0.3527



11.8271, 0.3275, 0.3267



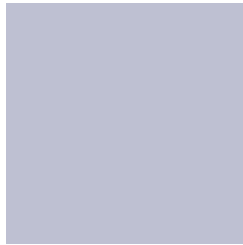
8.3974, 0.6276, 0.3231



0.4762, 0.5937, 0.3044

Previews

White Background



This preview shows how the Yxy color 53.2996, 0.2980, 0.3071 looks on a white background.

Color Contrast Check

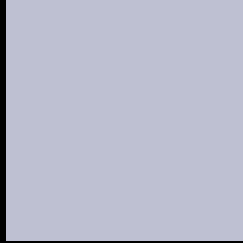
Large Text (above 18pt) WCAG AA × Fail

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 53.2996, 0.2980, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

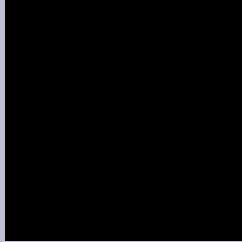
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2996, 0.2980, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 53.2996, 0.2980, 0.3071.

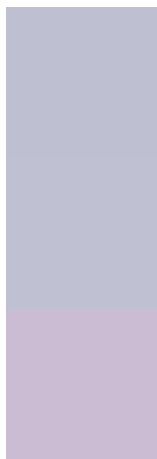


This preview shows how white text looks on a background with the Yxy color 53.2996, 0.2980, 0.3071.

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

53.2996, 0.2980, 0.3071

Protanopia

53.4288, 0.2988, 0.3072

Deuteranopia

53.3661, 0.3075, 0.3018



Tritanopia

53.2005, 0.2994, 0.3095

Trichromacy



Original Color

53.2996, 0.2980, 0.3071

Protanomaly

53.4288, 0.2988, 0.3072

Deuteranomaly

53.1041, 0.3035, 0.3027

Tritanomaly

53.2499, 0.2987, 0.3083

Monochromacy



Original Color

53.2996, 0.2980, 0.3071

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4699, 0.3075, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2996, 0.2980, 0.3071 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(190, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 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(190, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.2996, 0.2980, 0.3071 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(190, 192, 210) }
```

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

```
.border{ border-color:rgb(190, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2996, 0.2980, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 210) }
```

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

```
.background{ background-color: rgb(190,  
192, 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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