

Converting Colors

Yxy(53.0487, 0.2942, 0.3135)

Have a look what the booklet for
Yxy(53.0487, 0.2942, 0.3135)
contains.

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Color

Yxy(53.0337, 0.2940, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	B6C2CF
RGB	182, 194, 207
RGB Percent	71%, 76%, 81%
CMY	0.2863, 0.2392, 0.1881
CMYK	0.12, 0.06, 0.00, 0.19
HSL	211°, 21%, 76%
HSV	211°, 12%, 81%
XYZ	49.8463, 53.0337, 66.6651
YIQ	191.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

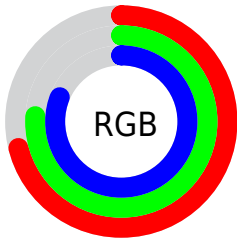
Format	Color
RYB	182, 190, 207
Decimal	11977423
CIELab	77.89, -1.51, -7.94
CIELCh	78, 8.082, 259.259
Yxy	53.0337, 0.2940, 0.3128
Android (android.graphics.Color)	4290167503 (0xFFB6C2CF)
YUV	191.8940, 7.4473, -8.6770
Hunter-Lab	72.8242, -5.2639, -3.2986

Details

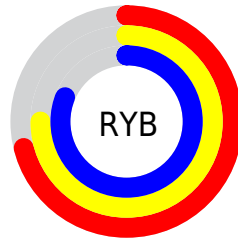
The Yxy color **53.0337, 0.2940, 0.3128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6860, 0.3324, 0.3447**, and the grayscale version is **52.6087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7684, 0.3024, 0.3241**, and **25.7232, 0.2888, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **46.0770, 0.2779, 0.2977**, and if you desaturate by 10%, it is **60.7150, 0.3095, 0.3263**.

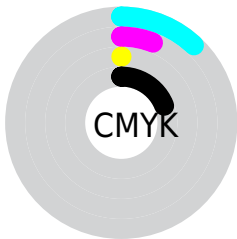
Distribution



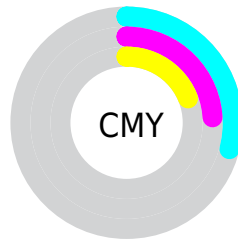
- Red (71%)
- Green (76%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0337, 0.2940, 0.3128 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 53.0337, 0.2940, 0.3128 by changing the saturation by 10% instead.

■ 53.0337, 0.2940,
0.3128

■ 53.0337, 0.2940,
0.3128

■ 398.4144, 0.3031,
0.3207

■ 37.8297, 0.2918,
0.3109

■ 94.6540, 0.2973,
0.3156

■ 25.8505, 0.2890,
0.3084

■ 121.8390, 0.2985,
0.3167

■ 16.7118, 0.2853,
0.3052

■ 153.7864, 0.2996,
0.3176

■ 10.0293, 0.2804,
0.3008

■ 190.8808, 0.3005,
0.3184

■ 5.4184, 0.2732,
0.2944

■ 233.5063, 0.3013,
0.3191

■ 2.4948, 0.2620,
0.2843

■ 282.0475, 0.3020,

■ 0.8740, 0.2419,

0.3197

0.2662

336.8887, 0.3026,
0.3203

0.0000, 0.0000,
0.0000

53.0337, 0.2940,
0.3128

53.0337, 0.2940,
0.3128

46.0770, 0.2779,
0.2977

60.7150, 0.3095,
0.3263

39.8147, 0.2614,
0.2811

69.1365, 0.3243,
0.3384

34.2239, 0.2450,
0.2631

78.3220, 0.3382,
0.3490

29.2777, 0.2290,
0.2439

86.3854, 0.3443,
0.3591

24.9473, 0.2141,
0.2239

92.8138, 0.3424,
0.3694

■ 21.2009, 0.2007,
0.2036

■ 97.2869, 0.3411,
0.3760

■ 18.0029, 0.1894,
0.1834

■ 15.3121, 0.1805,
0.1642

■ 13.4943, 0.1750,
0.1498

Harmonies

Analogous

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



53.0337, 0.2919, 0.3194



53.0337, 0.2940, 0.3128



53.0337, 0.3011, 0.3106

Triad

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



53.0337, 0.2940, 0.3128



53.0337, 0.3305, 0.3288



53.0337, 0.3138, 0.3456

Complementary

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



53.0337, 0.2940, 0.3128



55.6860, 0.3324, 0.3447

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.



53.0337, 0.3242, 0.3480



53.0337, 0.2940, 0.3128



53.0337, 0.3340, 0.3381

Square

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



53.0337, 0.2940, 0.3128



53.0337, 0.3222, 0.3198



53.0337, 0.3317, 0.3451



53.0337, 0.3032, 0.3385

Rectangle

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



53.0337, 0.2940, 0.3128



53.0337, 0.3078, 0.3118



53.0337, 0.3317, 0.3451



53.0337, 0.3174, 0.3469

Sweetspot

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



53.0359, 0.2940, 0.3128



94.7776, 0.3066, 0.3238



58.5247, 0.3024, 0.3440



20.0807, 0.3054, 0.3228



0.0000, 0.0000, 0.0000



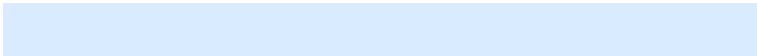
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0359, 0.2940, 0.3128



81.4085, 0.2891, 0.3083



47.9502, 0.2940, 0.2976



12.3402, 0.2982, 0.3166



8.6860, 0.1756, 0.1523



0.6442, 0.1852, 0.1865

Inverse Universe

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



50.6156, 0.3245, 0.3146



76.7610, 0.3280, 0.3108



61.2323, 0.3303, 0.3587



11.9014, 0.3216, 0.3179



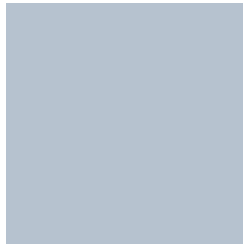
8.9481, 0.5030, 0.2544



0.5163, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 53.0337, 0.2940, 0.3128 looks on a white background.

Color Contrast Check

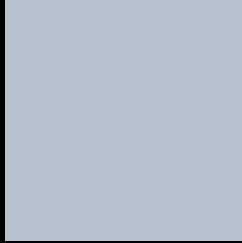
Large Text (above 18pt) WCAG AA × Fail

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 53.0337, 0.2940, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

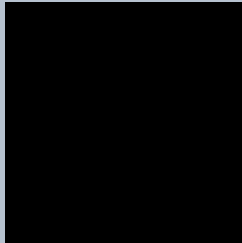
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

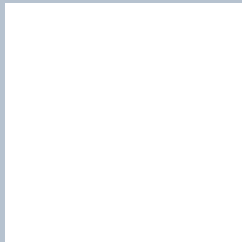
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0337, 0.2940, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 53.0337, 0.2940, 0.3128.

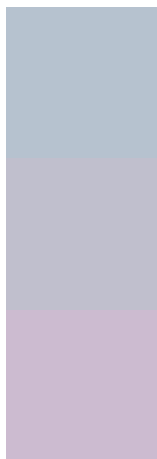


This preview shows how white text looks on a background with the Yxy color 53.0337, 0.2940, 0.3128.

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

53.0337, 0.2940, 0.3128

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.9321, 0.3106, 0.3042



Tritanopia

53.1321, 0.2927, 0.3104

Trichromacy



Original Color

53.0337, 0.2940, 0.3128

Protanomaly

52.8469, 0.2993, 0.3118

Deuteranomaly

53.1167, 0.3041, 0.3073

Tritanomaly

53.0827, 0.2933, 0.3116

Monochromacy



Original Color

53.0337, 0.2940, 0.3128

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8625, 0.3058, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0337, 0.2940, 0.3128 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(182, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 207)  
}
```

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(182, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.0337, 0.2940, 0.3128 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(182, 194, 207) }
```

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

```
.border{ border-color:rgb(182, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0337, 0.2940, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 207) }
```

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

```
.background{ background-color: rgb(182,  
194, 207) }
```

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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