

Converting Colors

Yxy(53.1987, 0.3067, 0.3165)

Have a look what the booklet for
Yxy(53.1987, 0.3067, 0.3165)
contains.

Yxy(53.4329, 0.3069, 0.3168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.4329, 0.3069, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0CA
RGB	194, 192, 202
RGB Percent	76%, 75%, 79%
CMY	0.2391, 0.2471, 0.2078
CMYK	0.04, 0.05, 0.00, 0.21
HSL	252°, 9%, 77%
HSV	252°, 5%, 79%
XYZ	51.7631, 53.4329, 63.4684
YIQ	193.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

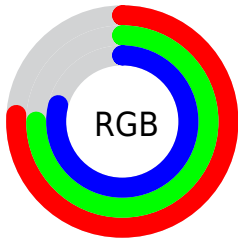
Format	Color
RYB	194, 192, 202
Decimal	12763338
CIELab	78.13, 2.58, -4.78
CIELCh	78, 5.431, 298.420
Yxy	53.4329, 0.3069, 0.3168
Android (android.graphics.Color)	4290953418 (0xFFC2C0CA)
YUV	193.7380, 4.0732, 0.2298
Hunter-Lab	73.0978, -1.5191, -0.3111

Details

The Yxy color **53.4329, 0.3069, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3295, 0.3184, 0.3410**, and the grayscale version is **53.7653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6788, 0.3099, 0.3223**, and **26.1788, 0.3048, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **43.1459, 0.2938, 0.2900**, and if you desaturate by 10%, it is **65.1734, 0.3182, 0.3407**.

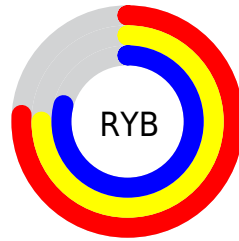
Distribution



Red (76%)

Green (75%)

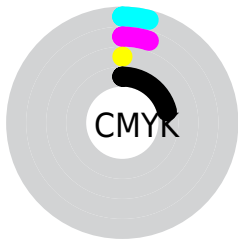
Blue (79%)



Red (76%)

Yellow (75%)

Blue (79%)

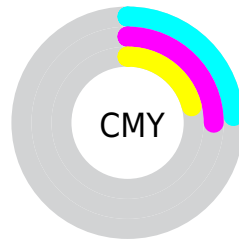


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4329, 0.3069, 0.3168 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 53.4329, 0.3069, 0.3168 by changing the saturation by 10% instead.

■ 53.4329, 0.3069,
0.3168

■ 53.4329, 0.3069,
0.3168

399.9438, 0.3098,
0.3227

■ 38.1485, 0.3062,
0.3154

■ 95.2411, 0.3079,
0.3189

■ 26.0979, 0.3053,
0.3136

122.5336, 0.3083,
0.3197

■ 16.8969, 0.3041,
0.3112

154.5976, 0.3086,
0.3204

■ 10.1610, 0.3025,
0.3080

191.8175, 0.3089,
0.3210

■ 5.5059, 0.3002,
0.3033

234.5777, 0.3092,
0.3215

■ 2.5470, 0.2965,
0.2961

283.2625, 0.3094,

■ 0.9001, 0.2897,

0.3220

0.2832

338.2564, 0.3096,
0.3224

0.0000, 0.0000,
0.0000

53.4329, 0.3069,
0.3168

53.4329, 0.3069,
0.3168

43.1459, 0.2938,
0.2900

65.1734, 0.3182,
0.3407

34.2489, 0.2790,
0.2605

78.4140, 0.3279,
0.3617

26.6839, 0.2624,
0.2286

93.2077, 0.3362,
0.3802

20.3859, 0.2444,
0.1953

97.0448, 0.3442,
0.3810

15.2848, 0.2256,
0.1621

■ 11.3031, 0.2070,
0.1310

■ 8.3545, 0.1898,
0.1041

■ 6.3394, 0.1751,
0.0833

■ 5.1377, 0.1640,
0.0700

Harmonies

Analogous

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



53.4329, 0.3013, 0.3173



53.4329, 0.3069, 0.3168



53.4329, 0.3141, 0.3194

Triad

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



53.4329, 0.3069, 0.3168



53.4329, 0.3269, 0.3368



53.4329, 0.3044, 0.3335

Complementary

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



53.4329, 0.3069, 0.3168



58.3295, 0.3184, 0.3410

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.



53.4329, 0.3112, 0.3389



53.4329, 0.3069, 0.3168



53.4329, 0.3242, 0.3407

Square

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



53.4329, 0.3069, 0.3168



53.4329, 0.3257, 0.3309



53.4329, 0.3185, 0.3415



53.4329, 0.2999, 0.3269

Rectangle

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



53.4329, 0.3069, 0.3168



53.4329, 0.3189, 0.3227



53.4329, 0.3185, 0.3415



53.4329, 0.3065, 0.3355

Sweetspot

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



53.4352, 0.3069, 0.3168



97.9999, 0.3116, 0.3266



56.7833, 0.3051, 0.3266



20.9971, 0.3116, 0.3267



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.



53.4352, 0.3069, 0.3168



88.3814, 0.3055, 0.3139



54.1061, 0.3109, 0.3170



11.6218, 0.3049, 0.3127



3.0756, 0.1606, 0.0658



0.1914, 0.1795, 0.0763

Inverse Universe

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



54.4259, 0.3148, 0.3195



90.4261, 0.3153, 0.3173



57.6542, 0.3145, 0.3412



11.9149, 0.3155, 0.3163



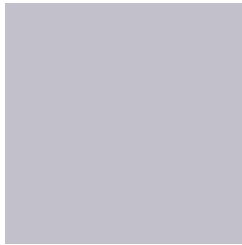
9.7529, 0.3792, 0.1862



0.5133, 0.3657, 0.1788

Previews

White Background



This preview shows how the Yxy color 53.4329, 0.3069, 0.3168 looks on a white background.

Color Contrast Check

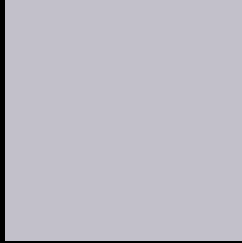
Large Text (above 18pt) WCAG AA × Fail

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 53.4329, 0.3069, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

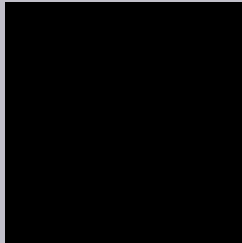
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

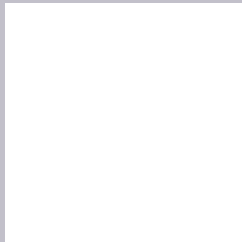
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4329, 0.3069, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 53.4329, 0.3069, 0.3168.

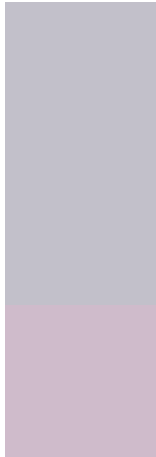


This preview shows how white text looks on a background with the Yxy color 53.4329, 0.3069, 0.3168.

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

53.4329, 0.3069, 0.3168

Protanopia

53.4329, 0.3069, 0.3168

Deuteranopia

53.1178, 0.3169, 0.3101



Tritanopia

53.3199, 0.3048, 0.3109

Trichromacy



Original Color

53.4329, 0.3069, 0.3168

Protanomaly

53.4329, 0.3069, 0.3168

Deuteranomaly

53.2635, 0.3127, 0.3123

Tritanomaly

53.2715, 0.3055, 0.3120

Monochromacy



Original Color

53.4329, 0.3069, 0.3168

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6405, 0.3105, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4329, 0.3069, 0.3168 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(194, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 202)  
}
```

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(194, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.4329, 0.3069, 0.3168 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(194, 192, 202) }
```

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

```
.border{ border-color:rgb(194, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4329, 0.3069, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 202) }
```

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

```
.background{ background-color: rgb(194,  
192, 202) }
```

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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