

Converting Colors

$Yxy(53.9627, 0.3012, 0.3357)$

Have a look what the booklet for
Yxy(53.9627, 0.3012, 0.3357)
contains.

Yxy(53.8221, 0.3016, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.8221, 0.3016, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6C1
RGB	179, 198, 193
RGB Percent	70%, 78%, 76%
CMY	0.2980, 0.2235, 0.2432
CMYK	0.10, 0.00, 0.03, 0.22
HSL	164°, 14%, 74%
HSV	164°, 10%, 78%
XYZ	48.4126, 53.8221, 58.2845
YIQ	191.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

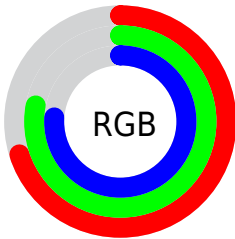
Format	Color
RYB	179, 190, 198
Decimal	11781825
CIELab	78.36, -7.41, 0.30
CIELCh	78, 7.411, 177.716
Yxy	53.8221, 0.3016, 0.3353
Android (android.graphics.Color)	4289971905 (0xFFB3C6C1)
YUV	191.7490, 0.6167, -11.1809
Hunter-Lab	73.3635, -10.5941, 4.2508

Details

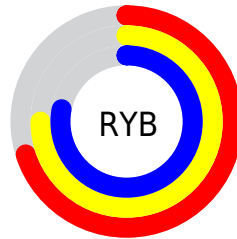
The Yxy color **53.8221, 0.3016, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7159, 0.3252, 0.3228**, and the grayscale version is **52.5615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0217, 0.3039, 0.3349**, and **26.2756, 0.2979, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **51.4027, 0.2905, 0.3425**, and if you desaturate by 10%, it is **56.5930, 0.3132, 0.3287**.

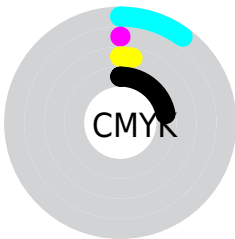
Distribution



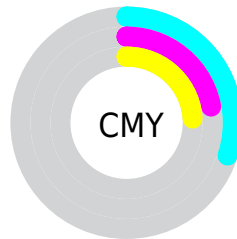
- Red (70%)
- Green (78%)
- Blue (76%)



- Red (70%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8221, 0.3016, 0.3353 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 53.8221, 0.3016, 0.3353 by changing the saturation by 10% instead.


 53.8221, 0.3016,
0.3353

 53.8221, 0.3016,
0.3353

401.4313, 0.3070,
0.3322

 38.4595, 0.3003,
0.3360

 95.8130, 0.3035,
0.3342

 26.3395, 0.2986,
0.3370


123.2100, 0.3043,
0.3338

 17.0778, 0.2964,
0.3382


155.3873, 0.3049,
0.3334

 10.2900, 0.2934,
0.3399

192.7292, 0.3055,
0.3331

 5.5916, 0.2891,
0.3424

235.6202, 0.3059,
0.3329

 2.5984, 0.2822,
0.3463

284.4446, 0.3063,

 0.9259, 0.2675,

0.3326

0.3545

339.5868, 0.3067,
0.3324

0.0000, 0.0000,
0.0000

53.8221, 0.3016,
0.3353

53.8221, 0.3016,
0.3353

51.4027, 0.2905,
0.3425

56.5930, 0.3132,
0.3287

49.3136, 0.2801,
0.3504

59.7223, 0.3250,
0.3229

47.5415, 0.2707,
0.3589

63.2250, 0.3369,
0.3176

46.0698, 0.2627,
0.3680

66.4975, 0.3461,
0.3128

44.8802, 0.2562,
0.3774

66.7685, 0.3420,
0.3076

■ 43.9522, 0.2516,
0.3872

■ 67.0481, 0.3379,
0.3024

■ 43.2628, 0.2489,
0.3971

■ 67.3365, 0.3340,
0.2972

■ 42.7848, 0.2482,
0.4070

■ 67.6336, 0.3300,
0.2922

■ 42.4685, 0.2492,
0.4167

■ 67.9396, 0.3261,
0.2872

Harmonies

Analogous

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



53.8221, 0.3109, 0.3426



53.8221, 0.3016, 0.3353



53.8221, 0.2954, 0.3263

Triad

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



53.8221, 0.3016, 0.3353



53.8221, 0.3046, 0.3124



53.8221, 0.3321, 0.3394

Complementary

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



53.8221, 0.3016, 0.3353



47.7159, 0.3252, 0.3228

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.



53.8221, 0.3304, 0.3313



53.8221, 0.3016, 0.3353



53.8221, 0.3144, 0.3159

Square

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



53.8221, 0.3016, 0.3353



53.8221, 0.2970, 0.3132



53.8221, 0.3239, 0.3228



53.8221, 0.3285, 0.3449

Rectangle

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



53.8221, 0.3016, 0.3353



53.8221, 0.2937, 0.3207



53.8221, 0.3239, 0.3228



53.8221, 0.3321, 0.3369

Sweetspot

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



53.8244, 0.3016, 0.3353



98.4486, 0.3092, 0.3309



53.8442, 0.3156, 0.3531



20.9854, 0.3082, 0.3315



0.0000, 0.0000, 0.0000



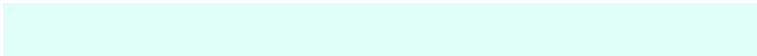
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8244, 0.3016, 0.3353



94.1422, 0.2987, 0.3371



52.0565, 0.2981, 0.3234



12.0179, 0.3018, 0.3352



27.6252, 0.2488, 0.4158



1.3195, 0.2432, 0.3954

Inverse Universe

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



47.7159, 0.3252, 0.3228



80.6396, 0.3290, 0.3210



49.3137, 0.3287, 0.3346



10.6821, 0.3249, 0.3229



7.9824, 0.5864, 0.3004



0.3903, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 53.8221, 0.3016, 0.3353 looks on a white background.

Color Contrast Check

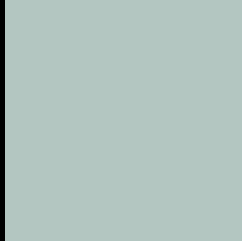
Large Text (above 18pt) WCAG AA × Fail

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 53.8221, 0.3016, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

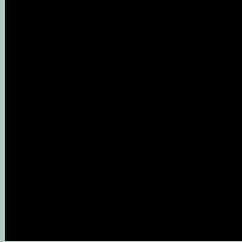
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

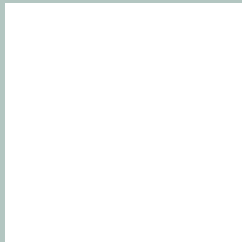
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8221, 0.3016, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 53.8221, 0.3016, 0.3353.



This preview shows how white text looks on a background with the Yxy color 53.8221, 0.3016, 0.3353.

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

53.8221, 0.3016, 0.3353

Protanopia

53.8634, 0.3190, 0.3327

Deuteranopia

53.3297, 0.3265, 0.3196



Tritanopia

53.6784, 0.2913, 0.3093

Trichromacy



Original Color

53.8221, 0.3016, 0.3353

Protanomaly

53.8682, 0.3125, 0.3340

Deuteranomaly

53.2988, 0.3170, 0.3254

Tritanomaly

53.6632, 0.2954, 0.3190

Monochromacy



Original Color

53.8221, 0.3016, 0.3353

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9541, 0.3086, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8221, 0.3016, 0.3353 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, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 193)  
}
```

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, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.8221, 0.3016, 0.3353 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, 198, 193) }
```

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

```
.border{ border-color:rgb(179, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8221, 0.3016, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 193) }
```

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

```
.background{ background-color: rgb(179,  
198, 193) }
```

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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