

Converting Colors

Yxy(53.2658, 0.3019, 0.3038)

Have a look what the booklet for
Yxy(53.2658, 0.3019, 0.3038)
contains.

Yxy(53.2658, 0.3019, 0.3038)	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(53.2658, 0.3019, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	C4BED3
RGB	196, 190, 211
RGB Percent	77%, 75%, 83%
CMY	0.2315, 0.2549, 0.1725
CMYK	0.07, 0.10, 0.00, 0.17
HSL	257°, 19%, 79%
HSV	257°, 10%, 83%
XYZ	52.9327, 53.2658, 69.1333
YIQ	194.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

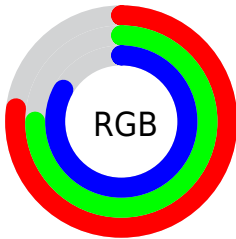
Format	Color
R_{YB}	196, 190, 211
Decimal	12893907
CIE _{Lab}	78.03, 6.06, -9.78
CIE _{LCh}	78, 11.501, 301.798
Yxy	53.2658, 0.3019, 0.3038
Android (android.graphics.Color)	4291083987 (0xFFC4BED3)
YUV	194.1880, 8.2883, 1.5891
Hunter-Lab	72.9834, 1.7397, -5.0739

Details

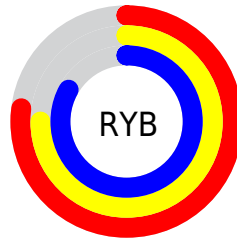
The Yxy color **53.2658, 0.3019, 0.3038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3057, 0.3229, 0.3537**, and the grayscale version is **54.0169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0142, 0.3118, 0.3204**, and **26.0424, 0.2992, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **42.8528, 0.2894, 0.2758**, and if you desaturate by 10%, it is **65.2110, 0.3128, 0.3291**.

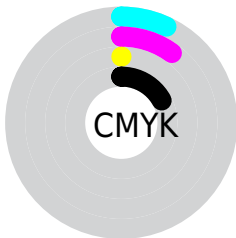
Distribution



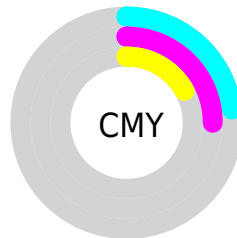
- Red (77%)
- Green (75%)
- Blue (83%)



- Red (77%)
- Yellow (75%)
- Blue (83%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2658, 0.3019, 0.3038 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 53.2658, 0.3019, 0.3038 by changing the saturation by 10% instead.

■ 53.2658, 0.3019,
0.3038

■ 53.2658, 0.3019,
0.3038

399.3041, 0.3072,
0.3160

■ 38.0150, 0.3006,
0.3009

■ 94.9954, 0.3038,
0.3081

■ 25.9943, 0.2989,
0.2972

122.2429, 0.3046,
0.3098

■ 16.8194, 0.2967,
0.2925

154.2582, 0.3052,
0.3112

■ 10.1058, 0.2937,
0.2861

191.4256, 0.3057,
0.3124

■ 5.4692, 0.2893,
0.2770

234.1295, 0.3062,
0.3135

■ 2.5251, 0.2823,
0.2630

282.7542, 0.3066,

■ 0.8892, 0.2695,

0.3144

0.2391

337.6843, 0.3069,
0.3152

0.0000, 0.0000,
0.0000

53.2658, 0.3019,
0.3038

53.2658, 0.3019,
0.3038

42.8528, 0.2894,
0.2758

65.2110, 0.3128,
0.3291

33.9025, 0.2751,
0.2455

78.7406, 0.3221,
0.3517

26.3503, 0.2594,
0.2135

93.9126, 0.3300,
0.3717

20.1239, 0.2424,
0.1810

97.4843, 0.3387,
0.3720

15.1442, 0.2248,
0.1495

■ 11.3237, 0.2076,
0.1210

■ 8.5631, 0.1917,
0.0975

■ 6.7455, 0.1782,
0.0805

■ 5.6648, 0.1675,
0.0697

Harmonies

Analogous

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



53.2658, 0.2896, 0.3039



53.2658, 0.3019, 0.3038



53.2658, 0.3173, 0.3100

Triad

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



53.2658, 0.3019, 0.3038



53.2658, 0.3427, 0.3465



53.2658, 0.2938, 0.3369

Complementary

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



53.2658, 0.3019, 0.3038



63.3057, 0.3229, 0.3537

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.



53.2658, 0.3076, 0.3492



53.2658, 0.3019, 0.3038



53.2658, 0.3360, 0.3545

Square

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



53.2658, 0.3019, 0.3038



53.2658, 0.3412, 0.3342



53.2658, 0.3231, 0.3556



53.2658, 0.2851, 0.3227

Rectangle

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



53.2658, 0.3019, 0.3038



53.2658, 0.3274, 0.3170



53.2658, 0.3231, 0.3556



53.2658, 0.2980, 0.3414

Sweetspot

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



53.2681, 0.3019, 0.3038



94.1913, 0.3096, 0.3216



59.3486, 0.2974, 0.3218



19.8366, 0.3087, 0.3196



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.



53.2681, 0.3019, 0.3038



78.0839, 0.2993, 0.2979



54.7252, 0.3102, 0.3044



11.5778, 0.3025, 0.3053



3.4606, 0.1688, 0.0704



0.2338, 0.1889, 0.0814

Inverse Universe

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



55.0947, 0.3184, 0.3115



81.4600, 0.3198, 0.3076



61.8619, 0.3149, 0.3543



11.9495, 0.3180, 0.3125



9.7273, 0.4078, 0.2020



0.5571, 0.3883, 0.1912

Previews

White Background



This preview shows how the Yxy color 53.2658, 0.3019, 0.3038 looks on a white background.

Color Contrast Check

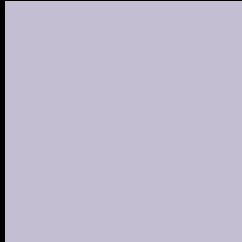
Large Text (above 18pt) WCAG AA × Fail

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 53.2658, 0.3019, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

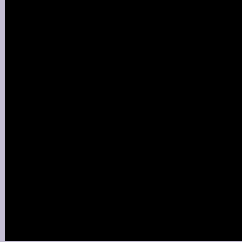
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

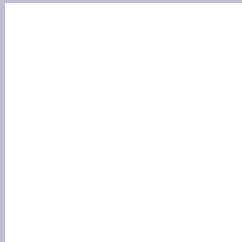
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2658, 0.3019, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 53.2658, 0.3019, 0.3038.



This preview shows how white text looks on a background with the Yxy color 53.2658, 0.3019, 0.3038.

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

53.2658, 0.3019, 0.3038

Protanopia

53.5291, 0.2973, 0.3048

Deuteranopia

53.4164, 0.3068, 0.3007



Tritanopia

53.3199, 0.3048, 0.3109

Trichromacy



Original Color

53.2658, 0.3019, 0.3038

Protanomaly

53.3525, 0.2989, 0.3037

Deuteranomaly

53.4280, 0.3044, 0.3017

Tritanomaly

53.4178, 0.3033, 0.3085

Monochromacy



Original Color

53.2658, 0.3019, 0.3038

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9122, 0.3091, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2658, 0.3019, 0.3038 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(196, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 211)  
}
```

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(196, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.2658, 0.3019, 0.3038 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(196, 190, 211) }
```

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

```
.border{ border-color:rgb(196, 190, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2658, 0.3019, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 211) }
```

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

```
.background{ background-color: rgb(196,  
190, 211) }
```

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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