

Converting Colors

Yxy(53.8351, 0.3027, 0.3051)

Have a look what the booklet for
Yxy(53.8351, 0.3027, 0.3051)
contains.

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Color

Yxy(53.8351, 0.3027, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	C5BFD3
RGB	197, 191, 211
RGB Percent	77%, 75%, 83%
CMY	0.2275, 0.2509, 0.1725
CMYK	0.07, 0.09, 0.00, 0.17
HSL	258°, 19%, 79%
HSV	258°, 9%, 83%
XYZ	53.4116, 53.8351, 69.2040
YIQ	195.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

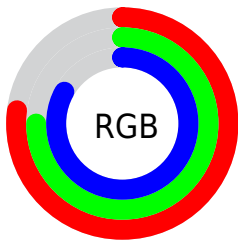
Format	Color
RYB	197, 191, 211
Decimal	12959699
CIELab	78.37, 5.86, -9.26
CIELCh	78, 10.956, 302.325
Yxy	53.8351, 0.3027, 0.3051
Android (android.graphics.Color)	4291149779 (0xFFC5BFD3)
YUV	195.0740, 7.8515, 1.6891
Hunter-Lab	73.3724, 1.5378, -4.5609

Details

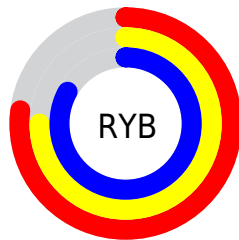
The Yxy color **53.8351, 0.3027, 0.3051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3336, 0.3221, 0.3525**, and the grayscale version is **54.5734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8124, 0.3124, 0.3213**, and **26.4169, 0.3002, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **43.3874, 0.2905, 0.2773**, and if you desaturate by 10%, it is **65.8091, 0.3132, 0.3303**.

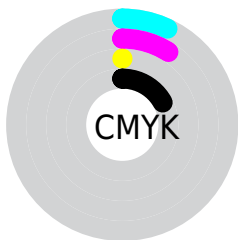
Distribution



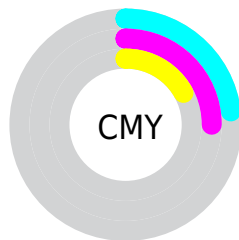
- Red (77%)
- Green (75%)
- Blue (83%)



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



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8351, 0.3027, 0.3051 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 53.8351, 0.3027, 0.3051 by changing the saturation by 10% instead.

■ 53.8351, 0.3027,
0.3051

■ 53.8351, 0.3027,
0.3051

401.4809, 0.3076,
0.3166

■ 38.4698, 0.3015,
0.3024

■ 95.8321, 0.3045,
0.3092

■ 26.3475, 0.3000,
0.2989

123.2326, 0.3051,
0.3108

■ 17.0838, 0.2979,
0.2944

155.4137, 0.3057,
0.3121

■ 10.2943, 0.2951,
0.2884

192.7597, 0.3062,
0.3132

■ 5.5945, 0.2911,
0.2798

235.6550, 0.3066,
0.3142

■ 2.6001, 0.2847,
0.2666

284.4840, 0.3070,

■ 0.9267, 0.2730,

0.3151

0.2440

339.6312, 0.3073,
0.3159

0.0000, 0.0000,
0.0000

53.8351, 0.3027,
0.3051

53.8351, 0.3027,
0.3051

43.3874, 0.2905,
0.2773

65.8091, 0.3132,
0.3303

34.3972, 0.2767,
0.2472

79.3609, 0.3222,
0.3527

26.8002, 0.2613,
0.2155

94.5481, 0.3299,
0.3727

20.5251, 0.2447,
0.1831

97.4832, 0.3388,
0.3721

15.4935, 0.2274,
0.1517

■ 11.6192, 0.2103,
0.1233

■ 8.8038, 0.1944,
0.0996

■ 6.9324, 0.1807,
0.0822

■ 5.8125, 0.1698,
0.0711

Harmonies

Analogous

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



53.8351, 0.2910, 0.3051



53.8351, 0.3027, 0.3051



53.8351, 0.3174, 0.3111

Triad

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



53.8351, 0.3027, 0.3051



53.8351, 0.3411, 0.3458



53.8351, 0.2945, 0.3363

Complementary

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



53.8351, 0.3027, 0.3051



63.3336, 0.3221, 0.3525

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.



53.8351, 0.3076, 0.3480



53.8351, 0.3027, 0.3051



53.8351, 0.3347, 0.3532

Square

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



53.8351, 0.3027, 0.3051



53.8351, 0.3398, 0.3342



53.8351, 0.3223, 0.3542



53.8351, 0.2863, 0.3228

Rectangle

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



53.8351, 0.3027, 0.3051



53.8351, 0.3269, 0.3178



53.8351, 0.3223, 0.3542



53.8351, 0.2985, 0.3406

Sweetspot

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



53.8374, 0.3027, 0.3051



94.2128, 0.3097, 0.3216



59.6047, 0.2982, 0.3222



19.8424, 0.3088, 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.



53.8374, 0.3027, 0.3051



79.8502, 0.3008, 0.3007



55.1868, 0.3103, 0.3057



11.5865, 0.3028, 0.3053



3.5245, 0.1707, 0.0714



0.2383, 0.1910, 0.0826

Inverse Universe

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



55.5237, 0.3183, 0.3127



82.8624, 0.3194, 0.3098



61.9986, 0.3148, 0.3530



11.9463, 0.3183, 0.3128



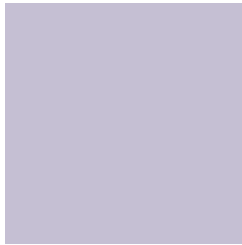
9.6654, 0.4134, 0.2051



0.5541, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 53.8351, 0.3027, 0.3051 looks on a white background.

Color Contrast Check

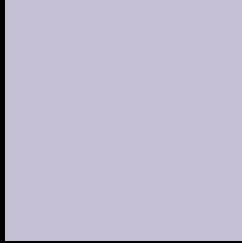
Large Text (above 18pt) WCAG AA × Fail

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 53.8351, 0.3027, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

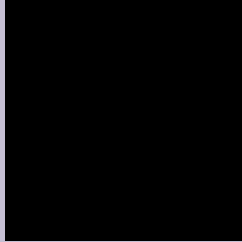
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8351, 0.3027, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 53.8351, 0.3027, 0.3051.



This preview shows how white text looks on a background with the Yxy color 53.8351, 0.3027, 0.3051.

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

53.8351, 0.3027, 0.3051

Protanopia

54.0999, 0.2981, 0.3061

Deuteranopia

53.6990, 0.3084, 0.3008



Tritanopia

53.9400, 0.3048, 0.3109

Trichromacy



Original Color

53.8351, 0.3027, 0.3051

Protanomaly

53.9221, 0.2997, 0.3050

Deuteranomaly

53.7052, 0.3060, 0.3018

Tritanomaly

53.9891, 0.3041, 0.3098

Monochromacy



Original Color

53.8351, 0.3027, 0.3051

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5364, 0.3091, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8351, 0.3027, 0.3051 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(197, 191, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 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(197, 191, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.8351, 0.3027, 0.3051 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(197, 191, 211) }
```

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

```
.border{ border-color:rgb(197, 191, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 191, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 191, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 191, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 191,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8351, 0.3027, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 211) }
```

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

```
.background{ background-color: rgb(197,  
191, 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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