

Converting Colors

Yxy(53.1759, 0.2904, 0.2949)

Have a look what the booklet for
Yxy(53.1759, 0.2904, 0.2949)
contains.

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Color

Yxy(53.1949, 0.2909, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	BDBFDB
RGB	189, 191, 219
RGB Percent	74%, 75%, 86%
CMY	0.2589, 0.2510, 0.1411
CMYK	0.14, 0.13, 0.00, 0.14
HSL	236°, 29%, 80%
HSV	236°, 14%, 86%
XYZ	52.4023, 53.1949, 74.5413
YIQ	193.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

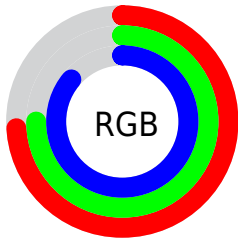
Format	Color
R_{YB}	189, 191, 219
Decimal	12435419
CIE _{Lab}	77.99, 4.86, -14.22
CIE _{LCh}	78, 15.026, 288.878
Yxy	53.1949, 0.2909, 0.2953
Android (android.graphics.Color)	4290625499 (0xFFBDBFDB)
YUV	193.5940, 12.5252, -4.0289
Hunter-Lab	72.9348, 0.6129, -9.5416

Details

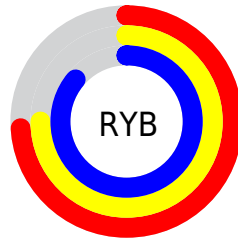
The Yxy color **53.1949, 0.2909, 0.2953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3643, 0.3335, 0.3606**, and the grayscale version is **53.6260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1540, 0.3068, 0.3212**, and **26.0082, 0.2846, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **42.3077, 0.2728, 0.2670**, and if you desaturate by 10%, it is **65.7520, 0.3072, 0.3205**.

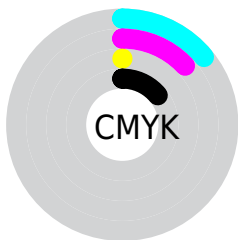
Distribution



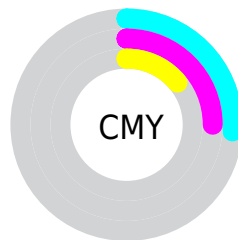
- Red (74%)
- Green (75%)
- Blue (86%)



- Red (74%)
- Yellow (75%)
- Blue (86%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1949, 0.2909, 0.2953 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 53.1949, 0.2909, 0.2953 by changing the saturation by 10% instead.

■ 53.1949, 0.2909,
0.2953

■ 53.1949, 0.2909,
0.2953

■ 399.0324, 0.3016,
0.3115

■ 37.9584, 0.2883,
0.2914

■ 94.8911, 0.2947,
0.3011

■ 25.9504, 0.2850,
0.2866

■ 122.1196, 0.2962,
0.3033

■ 16.7865, 0.2807,
0.2803

■ 154.1141, 0.2974,
0.3051

■ 10.0824, 0.2749,
0.2718

■ 191.2592, 0.2985,
0.3068

■ 5.4536, 0.2665,
0.2598

■ 233.9392, 0.2994,
0.3082

■ 2.5158, 0.2534,
0.2417

■ 282.5385, 0.3002,

■ 0.8845, 0.2305,

0.3094

0.2113

337.4414, 0.3009,
0.3105

0.0000, 0.0000,
0.0000

53.1949, 0.2909,
0.2953

53.1949, 0.2909,
0.2953

42.3077, 0.2728,
0.2670

65.7520, 0.3072,
0.3205

33.0136, 0.2531,
0.2358

80.0382, 0.3215,
0.3425

25.2400, 0.2324,
0.2026

96.1181, 0.3341,
0.3616

18.9057, 0.2115,
0.1687

97.8959, 0.3339,
0.3641

13.9222, 0.1919,
0.1362

■ 10.1911, 0.1749,
0.1074

■ 7.6006, 0.1620,
0.0845

■ 6.0188, 0.1539,
0.0693

■ 5.4509, 0.1510,
0.0635

Harmonies

Analogous

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



53.1949, 0.2782, 0.2990



53.1949, 0.2909, 0.2953



53.1949, 0.3098, 0.3000

Triad

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



53.1949, 0.2909, 0.2953



53.1949, 0.3526, 0.3451



53.1949, 0.2951, 0.3470

Complementary

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



53.1949, 0.2909, 0.2953



68.3643, 0.3335, 0.3606

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.



53.1949, 0.3146, 0.3604



53.1949, 0.2909, 0.2953



53.1949, 0.3482, 0.3586

Square

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



53.1949, 0.2909, 0.2953



53.1949, 0.3458, 0.3281



53.1949, 0.3341, 0.3645



53.1949, 0.2805, 0.3286

Rectangle

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



53.1949, 0.2909, 0.2953



53.1949, 0.3234, 0.3073



53.1949, 0.3341, 0.3645



53.1949, 0.3013, 0.3523

Sweetspot

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



53.1971, 0.2909, 0.2953



92.1967, 0.3067, 0.3197



66.4786, 0.2935, 0.3319



19.4293, 0.3055, 0.3179



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.



53.1971, 0.2909, 0.2953



71.1461, 0.2867, 0.2887



53.9904, 0.3004, 0.2938



12.7574, 0.2981, 0.3065



3.2881, 0.1513, 0.0645



0.2636, 0.1550, 0.0779

Inverse Universe

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



55.2136, 0.3362, 0.3267



74.4616, 0.3412, 0.3263



67.5451, 0.3238, 0.3638



13.0657, 0.3281, 0.3275



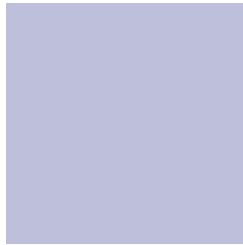
8.9557, 0.6324, 0.3258



0.5853, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 53.1949, 0.2909, 0.2953 looks on a white background.

Color Contrast Check

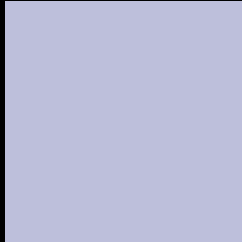
Large Text (above 18pt) WCAG AA × Fail

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 53.1949, 0.2909, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

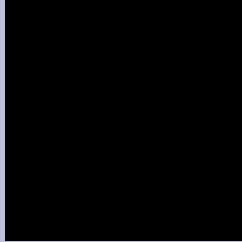
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

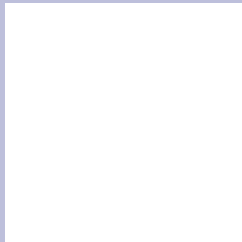
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1949, 0.2909, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 53.1949, 0.2909, 0.2953.



This preview shows how white text looks on a background with the Yxy color 53.1949, 0.2909, 0.2953.

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

53.1949, 0.2909, 0.2953

Protanopia

53.0674, 0.2902, 0.2953

Deuteranopia

53.2759, 0.2978, 0.2914



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.1949, 0.2909, 0.2953

Protanomaly

53.0674, 0.2902, 0.2953

Deuteranomaly

53.1646, 0.2947, 0.2922

Tritanomaly

53.1441, 0.2951, 0.3046

Monochromacy



Original Color

53.1949, 0.2909, 0.2953

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6582, 0.3046, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1949, 0.2909, 0.2953 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(189, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 219)  
}
```

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(189, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.1949, 0.2909, 0.2953 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(189, 191, 219) }
```

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

```
.border{ border-color:rgb(189, 191, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 191,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1949, 0.2909, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 191, 219) }
```

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

```
.background{ background-color: rgb(189,  
191, 219) }
```

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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