

Converting Colors

Yxy(53.0183, 0.2924, 0.2943)

Have a look what the booklet for
Yxy(53.0183, 0.2924, 0.2943)
contains.

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Color

Yxy(53.0178, 0.2924, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	BFBEDB
RGB	191, 190, 219
RGB Percent	75%, 75%, 86%
CMY	0.2511, 0.2548, 0.1413
CMYK	0.13, 0.13, 0.00, 0.14
HSL	242°, 29%, 80%
HSV	242°, 13%, 86%
XYZ	52.6755, 53.0178, 74.4555
YIQ	193.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

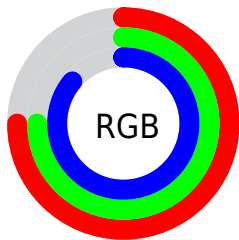
Format	Color
R_{YB}	191, 190, 219
Decimal	12566235
CIE _{Lab}	77.89, 6.02, -14.33
CIE _{LCh}	78, 15.544, 292.798
Yxy	53.0178, 0.2924, 0.2943
Android (android.graphics.Color)	4290756315 (0xFFFBFBEDB)
YUV	193.6050, 12.5197, -2.2846
Hunter-Lab	72.8133, 1.7094, -9.6579

Details

The Yxy color **53.0178, 0.2924, 0.2943** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.2772, 0.3317, 0.3616**, and the grayscale version is **53.6296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9057, 0.3080, 0.3203**, and **25.8900, 0.2866, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **41.6851, 0.2747, 0.2642**, and if you desaturate by 10%, it is **66.1771, 0.3081, 0.3211**.

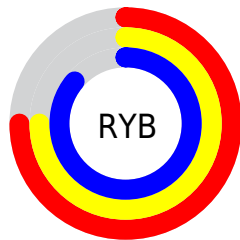
Distribution



Red (75%)

Green (75%)

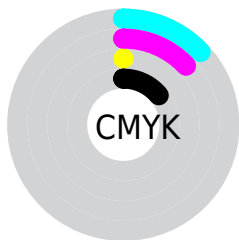
Blue (86%)



Red (75%)

Yellow (75%)

Blue (86%)

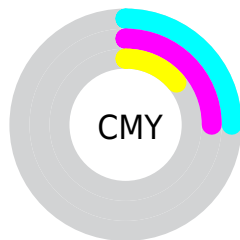


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (25%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0178, 0.2924, 0.2943 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 53.0178, 0.2924, 0.2943 by changing the saturation by 10% instead.

■ 53.0178, 0.2924,
0.2943

■ 53.0178, 0.2924,
0.2943

■ 398.3534, 0.3024,
0.3110

■ 37.8170, 0.2900,
0.2903

■ 94.6306, 0.2960,
0.3002

■ 25.8407, 0.2869,
0.2853

■ 121.8113, 0.2973,
0.3025

■ 16.7045, 0.2829,
0.2789

■ 153.7541, 0.2985,
0.3044

■ 10.0240, 0.2773,
0.2702

■ 190.8434, 0.2995,
0.3061

■ 5.4149, 0.2694,
0.2580

■ 233.4636, 0.3003,
0.3075

■ 2.4927, 0.2570,
0.2395

■ 281.9991, 0.3011,

■ 0.8730, 0.2351,

0.3088

0.2086

336.8342, 0.3018,
0.3100

0.0000, 0.0000,
0.0000

53.0178, 0.2924,
0.2943

53.0178, 0.2924,
0.2943

41.6851, 0.2747,
0.2642

66.1771, 0.3081,
0.3211

32.0921, 0.2551,
0.2311

81.2318, 0.3218,
0.3445

24.1546, 0.2343,
0.1962

97.8006, 0.3336,
0.3642

17.7791, 0.2131,
0.1609

97.8931, 0.3340,
0.3641

12.8624, 0.1929,
0.1277

■ 9.2892, 0.1755,
0.0992

■ 6.9268, 0.1622,
0.0779

■ 5.6152, 0.1538,
0.0651

■ 5.1592, 0.1508,
0.0604

Harmonies

Analogous

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



53.0178, 0.2782, 0.2970



53.0178, 0.2924, 0.2943



53.0178, 0.3124, 0.3003

Triad

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



53.0178, 0.2924, 0.2943



53.0178, 0.3541, 0.3477



53.0178, 0.2921, 0.3453

Complementary

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



53.0178, 0.2924, 0.2943



69.2772, 0.3317, 0.3616

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.



53.0178, 0.3119, 0.3603



53.0178, 0.2924, 0.2943



53.0178, 0.3480, 0.3609

Square

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



53.0178, 0.2924, 0.2943



53.0178, 0.3486, 0.3304



53.0178, 0.3325, 0.3659



53.0178, 0.2780, 0.3259

Rectangle

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



53.0178, 0.2924, 0.2943



53.0178, 0.3265, 0.3083



53.0178, 0.3325, 0.3659



53.0178, 0.2983, 0.3511

Sweetspot

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



53.0200, 0.2924, 0.2943



91.8403, 0.3069, 0.3190



66.4602, 0.2926, 0.3284



19.3396, 0.3058, 0.3171



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.



53.0200, 0.2924, 0.2943



69.9422, 0.2874, 0.2859



54.9244, 0.3032, 0.2954



12.6374, 0.2986, 0.3049



3.0692, 0.1511, 0.0606



0.2061, 0.1544, 0.0624

Inverse Universe

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



56.9545, 0.3149, 0.2976



76.5889, 0.3155, 0.2905



67.2068, 0.3213, 0.3627



13.2671, 0.3143, 0.3067



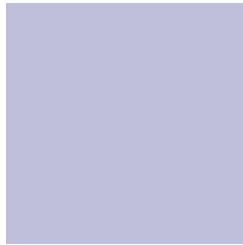
11.7474, 0.3292, 0.1587



0.7634, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 53.0178, 0.2924, 0.2943 looks on a white background.

Color Contrast Check

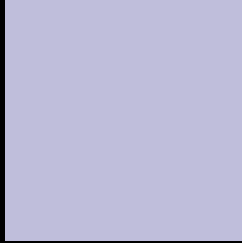
Large Text (above 18pt) WCAG AA × Fail

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 53.0178, 0.2924, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

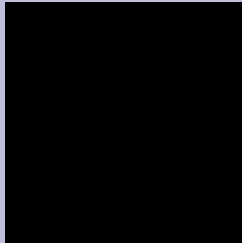
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

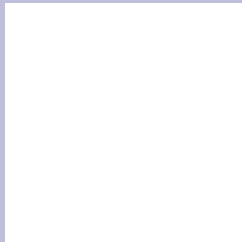
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0178, 0.2924, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 53.0178, 0.2924, 0.2943.



This preview shows how white text looks on a background with the Yxy color 53.0178, 0.2924, 0.2943.

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

53.0178, 0.2924, 0.2943

Protanopia

53.1203, 0.2895, 0.2941

Deuteranopia

53.0867, 0.2977, 0.2924



Tritanopia

53.0231, 0.2994, 0.3106

Trichromacy



Original Color

53.0178, 0.2924, 0.2943

Protanomaly

53.2477, 0.2902, 0.2942

Deuteranomaly

53.1118, 0.2954, 0.2934

Tritanomaly

52.9119, 0.2973, 0.3047

Monochromacy



Original Color

53.0178, 0.2924, 0.2943

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7892, 0.3053, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0178, 0.2924, 0.2943 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(191, 190, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 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(191, 190, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.0178, 0.2924, 0.2943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

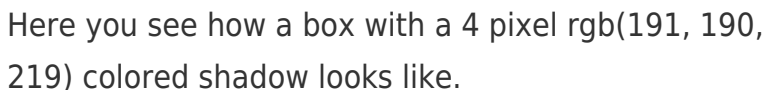
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 190, 219) }
```

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

```
.border{ border-color:rgb(191, 190, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 190, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 190, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 190, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 190,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0178, 0.2924, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 219) }
```

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

```
.background{ background-color: rgb(191,  
190, 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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