

Converting Colors

Yxy(53.2449, 0.2923, 0.2981)

Have a look what the booklet for
Yxy(53.2449, 0.2923, 0.2981)
contains.

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Color

Yxy(53.0902, 0.2923, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	BDBFD9
RGB	189, 191, 217
RGB Percent	74%, 75%, 85%
CMY	0.2588, 0.2510, 0.1489
CMYK	0.13, 0.12, 0.00, 0.15
HSL	236°, 27%, 80%
HSV	236°, 13%, 85%
XYZ	52.1447, 53.0902, 73.1596
YIQ	193.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

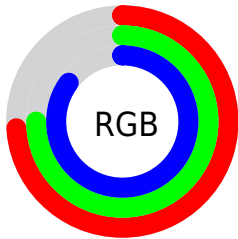
Format	Color
RYB	189, 191, 217
Decimal	12435417
CIELab	77.93, 4.45, -13.23
CIELCh	78, 13.958, 288.612
Yxy	53.0902, 0.2923, 0.2976
Android (android.graphics.Color)	4290625497 (0xFFBDBFD9)
YUV	193.3660, 11.6516, -3.8290
Hunter-Lab	72.8630, 0.2339, -8.5272

Details

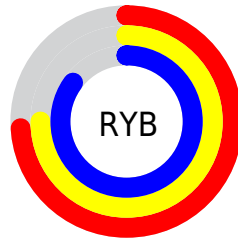
The Yxy color **53.0902, 0.2923, 0.2976** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.0458, 0.3322, 0.3586**, and the grayscale version is **53.4915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1540, 0.3068, 0.3212**, and **26.0198, 0.2874, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **42.3258, 0.2744, 0.2697**, and if you desaturate by 10%, it is **65.4844, 0.3084, 0.3224**.

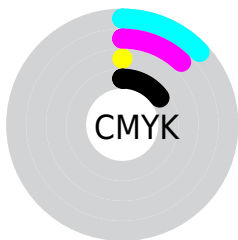
Distribution



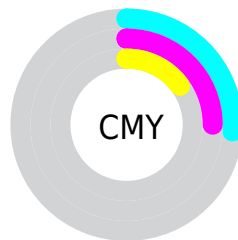
- Red (74%)
- Green (75%)
- Blue (85%)



- Red (74%)
- Yellow (75%)
- Blue (85%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0902, 0.2923, 0.2976 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 53.0902, 0.2923, 0.2976 by changing the saturation by 10% instead.

■ 53.0902, 0.2923,
0.2976

■ 53.0902, 0.2923,
0.2976

■ 398.6311, 0.3023,
0.3128

■ 37.8748, 0.2899,
0.2940

■ 94.7371, 0.2959,
0.3030

■ 25.8855, 0.2868,
0.2894

■ 121.9373, 0.2972,
0.3050

■ 16.7380, 0.2828,
0.2835

■ 153.9013, 0.2984,
0.3068

■ 10.0479, 0.2773,
0.2756

■ 191.0134, 0.2994,
0.3083

■ 5.4307, 0.2693,
0.2643

■ 233.6581, 0.3003,
0.3096

■ 2.5021, 0.2570,
0.2471

■ 282.2196, 0.3010,

■ 0.8777, 0.2352,

0.3108

0.2180

337.0825, 0.3017,
0.3118

0.0000, 0.0000,
0.0000

53.0902, 0.2923,
0.2976

53.0902, 0.2923,
0.2976

42.3258, 0.2744,
0.2697

65.4844, 0.3084,
0.3224

33.1170, 0.2548,
0.2389

79.5653, 0.3226,
0.3441

25.3939, 0.2342,
0.2059

95.3952, 0.3350,
0.3628

19.0784, 0.2134,
0.1722

97.7909, 0.3351,
0.3661

14.0855, 0.1936,
0.1395

■ 10.3210, 0.1764,
0.1102

■ 7.6779, 0.1631,
0.0868

■ 6.0309, 0.1545,
0.0707

■ 5.3651, 0.1511,
0.0638

Harmonies

Analogous

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



53.0902, 0.2805, 0.3012



53.0902, 0.2923, 0.2976



53.0902, 0.3098, 0.3019

Triad

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



53.0902, 0.2923, 0.2976



53.0902, 0.3497, 0.3439



53.0902, 0.2965, 0.3458

Complementary

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



53.0902, 0.2923, 0.2976



67.0458, 0.3322, 0.3586

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.



53.0902, 0.3147, 0.3582



53.0902, 0.2923, 0.2976



53.0902, 0.3458, 0.3564

Square

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



53.0902, 0.2923, 0.2976



53.0902, 0.3434, 0.3281



53.0902, 0.3328, 0.3620



53.0902, 0.2829, 0.3288

Rectangle

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



53.0902, 0.2923, 0.2976



53.0902, 0.3225, 0.3087



53.0902, 0.3328, 0.3620



53.0902, 0.3023, 0.3507

Sweetspot

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



53.0924, 0.2923, 0.2976



92.2198, 0.3067, 0.3197



65.3476, 0.2946, 0.3317



19.4351, 0.3055, 0.3180



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.



53.0924, 0.2923, 0.2976



72.8426, 0.2885, 0.2917



53.7826, 0.3013, 0.2960



12.7652, 0.2981, 0.3066



3.3038, 0.1513, 0.0648



0.2674, 0.1552, 0.0788

Inverse Universe

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



54.9152, 0.3345, 0.3267



75.8962, 0.3390, 0.3263



66.3409, 0.3231, 0.3616



13.0665, 0.3280, 0.3274



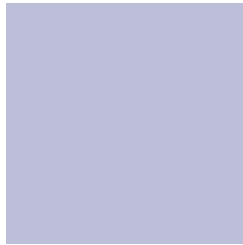
8.9573, 0.6320, 0.3255



0.5857, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 53.0902, 0.2923, 0.2976 looks on a white background.

Color Contrast Check

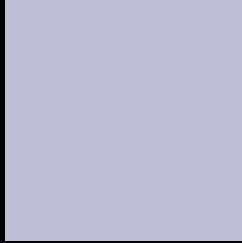
Large Text (above 18pt) WCAG AA × Fail

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 53.0902, 0.2923, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

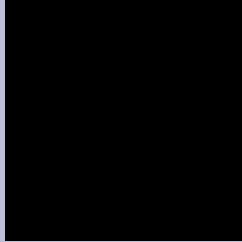
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0902, 0.2923, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 53.0902, 0.2923, 0.2976.



This preview shows how white text looks on a background with the Yxy color 53.0902, 0.2923, 0.2976.

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

53.0902, 0.2923, 0.2976

Protanopia

53.0902, 0.2923, 0.2976

Deuteranopia

53.1705, 0.2992, 0.2936



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.0902, 0.2923, 0.2976

Protanomaly

53.0902, 0.2923, 0.2976

Deuteranomaly

53.0592, 0.2961, 0.2945

Tritanomaly

53.0938, 0.2958, 0.3058

Monochromacy



Original Color

53.0902, 0.2923, 0.2976

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1700, 0.3053, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0902, 0.2923, 0.2976 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.0902, 0.2923, 0.2976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

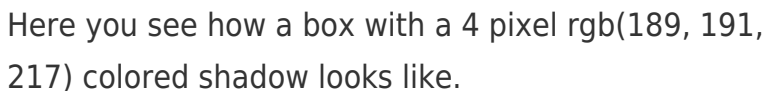
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 191, 217) }
```

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

```
.border{ border-color:rgb(189, 191, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 191, 217); box-shadow:4px 4px 4px 4px rgb(189, 191, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0902, 0.2923, 0.2976 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, 217) }
```

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

```
.background{ background-color: rgb(189,  
191, 217) }
```

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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