

Converting Colors

$Y_{xy}(53.2120, 0.2994, 0.2914)$

Have a look what the booklet for
Yxy(53.2120, 0.2994, 0.2914)
contains.

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Color

Yxy(53.0726, 0.3001, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	C9BBDB
RGB	201, 187, 219
RGB Percent	79%, 73%, 86%
CMY	0.2118, 0.2666, 0.1413
CMYK	0.08, 0.15, 0.00, 0.14
HSL	266°, 31%, 80%
HSV	266°, 15%, 86%
XYZ	54.6384, 53.0726, 74.3563
YIQ	194.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

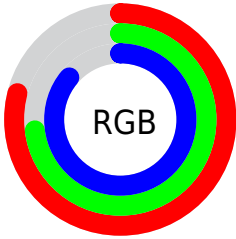
Format	Color
R_{YB}	201, 187, 219
Decimal	13220827
CIE _{Lab}	77.92, 10.92, -14.20
CIE _{LCh}	78, 17.912, 307.577
Yxy	53.0726, 0.3001, 0.2915
Android (android.graphics.Color)	4291410907 (0xFFC9BBDB)
YUV	194.8340, 11.9138, 5.4076
Hunter-Lab	72.8509, 6.3863, -9.5194

Details

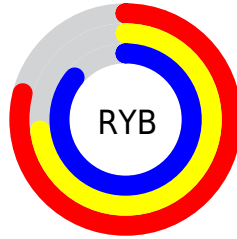
The Yxy color **53.0726, 0.3001, 0.2915** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.2090, 0.3240, 0.3662**, and the grayscale version is **54.3979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **25.9336, 0.2967, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **42.8423, 0.2897, 0.2632**, and if you desaturate by 10%, it is **64.8607, 0.3091, 0.3177**.

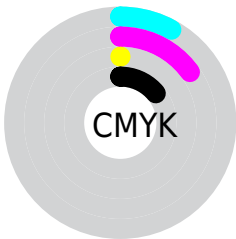
Distribution



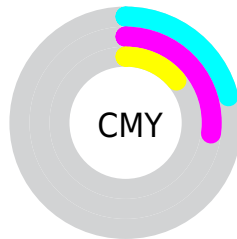
- Red (79%)
- Green (73%)
- Blue (86%)



- Red (79%)
- Yellow (73%)
- Blue (86%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0726, 0.3001, 0.2915 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 53.0726, 0.3001, 0.2915 by changing the saturation by 10% instead.

■ 53.0726, 0.3001,
0.2915

■ 53.0726, 0.3001,
0.2915

■ 398.5636, 0.3064,
0.3094

■ 37.8607, 0.2985,
0.2873

■ 94.7112, 0.3024,
0.2978

■ 25.8746, 0.2965,
0.2820

■ 121.9067, 0.3032,
0.3002

■ 16.7299, 0.2939,
0.2752

■ 153.8655, 0.3040,
0.3023

■ 10.0421, 0.2902,
0.2661

■ 190.9721, 0.3046,
0.3041

■ 5.4269, 0.2849,
0.2533

■ 233.6108, 0.3051,
0.3057

■ 2.4998, 0.2763,
0.2342

■ 282.1660, 0.3056,

■ 0.8766, 0.2608,

0.3071

0.2028

337.0222, 0.3060,
0.3083

0.0000, 0.0603,
0.0000

0.0000, 0.0000,
0.0000

53.0726, 0.3001,
0.2915

53.0726, 0.3001,
0.2915

42.8423, 0.2897,
0.2632

64.8607, 0.3091,
0.3177

34.0960, 0.2780,
0.2333

78.2628, 0.3167,
0.3416

26.7637, 0.2649,
0.2027

93.3407, 0.3231,
0.3632

20.7672, 0.2508,
0.1725

97.0031, 0.3309,
0.3645

■ 16.0201, 0.2361,
0.1444

■ 97.8926, 0.3340,
0.3641

■ 12.4258, 0.2216,
0.1200

■ 9.8724, 0.2079,
0.1007

■ 8.2245, 0.1956,
0.0872

■ 7.5895, 0.1897,
0.0819

Harmonies

Analogous

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



53.0726, 0.2800, 0.2894



53.0726, 0.3001, 0.2915



53.0726, 0.3244, 0.3026

Triad

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



53.0726, 0.3001, 0.2915



53.0726, 0.3586, 0.3588



53.0726, 0.2799, 0.3369

Complementary

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



53.0726, 0.3001, 0.2915



67.2090, 0.3240, 0.3662

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.



53.0726, 0.3000, 0.3577



53.0726, 0.3001, 0.2915



53.0726, 0.3456, 0.3700

Square

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



53.0726, 0.3001, 0.2915



53.0726, 0.3589, 0.3405



53.0726, 0.3240, 0.3700



53.0726, 0.2687, 0.3146

Rectangle

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



53.0726, 0.3001, 0.2915



53.0726, 0.3396, 0.3138



53.0726, 0.3240, 0.3700



53.0726, 0.2858, 0.3444

Sweetspot

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



53.0748, 0.3001, 0.2915



92.5921, 0.3095, 0.3191



59.3979, 0.2901, 0.3125



19.5293, 0.3089, 0.3172



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.



53.0748, 0.3001, 0.2915



69.5586, 0.2966, 0.2816



55.3844, 0.3127, 0.2929



12.8945, 0.3049, 0.3053



4.5642, 0.1912, 0.0827



0.3461, 0.2096, 0.0928

Inverse Universe

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



55.0069, 0.3252, 0.3085



72.9032, 0.3288, 0.3033



65.0694, 0.3124, 0.3675



13.1736, 0.3204, 0.3159



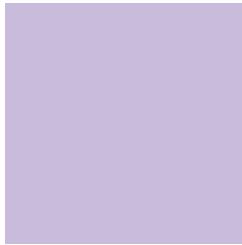
9.8027, 0.4688, 0.2356



0.6523, 0.4381, 0.2187

Previews

White Background



This preview shows how the Yxy color 53.0726, 0.3001, 0.2915 looks on a white background.

Color Contrast Check

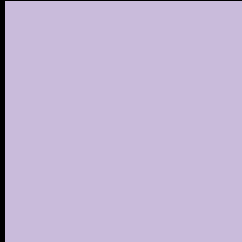
Large Text (above 18pt) WCAG AA × Fail

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 53.0726, 0.3001, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

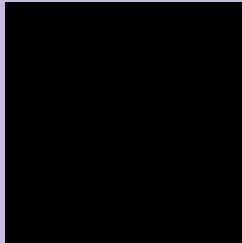
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0726, 0.3001, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 53.0726, 0.3001, 0.2915.



This preview shows how white text looks on a background with the Yxy color 53.0726, 0.3001, 0.2915.

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

53.0726, 0.3001, 0.2915

Protanopia

53.1003, 0.2874, 0.2917

Deuteranopia

53.2230, 0.2985, 0.2925



Tritanopia

52.8969, 0.3095, 0.3110

Trichromacy



Original Color

53.0726, 0.3001, 0.2915

Protanomaly

53.2538, 0.2918, 0.2921

Deuteranomaly

53.3603, 0.2993, 0.2926

Tritanomaly

52.8492, 0.3066, 0.3040

Monochromacy



Original Color

53.0726, 0.3001, 0.2915

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9292, 0.3078, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0726, 0.3001, 0.2915 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(201, 187, 219)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 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(201, 187, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.0726, 0.3001, 0.2915 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(201, 187, 219) }
```

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

```
.border{ border-color:rgb(201, 187, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 219);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0726, 0.3001, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 219) }
```

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

```
.background{ background-color: rgb(201,  
187, 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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