

Converting Colors

Yxy(51.8696, 0.2972, 0.3007)

Have a look what the booklet for
Yxy(51.8696, 0.2972, 0.3007)
contains.

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Color

Yxy(51.7963, 0.2973, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	BFBCD4
RGB	191, 188, 212
RGB Percent	75%, 74%, 83%
CMY	0.2511, 0.2627, 0.1687
CMYK	0.10, 0.11, 0.00, 0.17
HSL	247°, 22%, 78%
HSV	247°, 11%, 83%
XYZ	51.3472, 51.7963, 69.5684
YIQ	191.6330, -5.9160, 8.1000

Conversions

Conversions Part 2

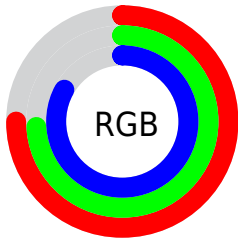
Format	Color
R _Y B	191, 188, 212
Decimal	12565716
CIE Lab	77.16, 5.67, -11.64
CIE LCh	77, 12.949, 295.986
Yxy	51.7963, 0.2973, 0.2999
Android (android.graphics.Color)	4290755796 (0xFFBFBCD4)
YUV	191.6330, 10.0409, -0.5551
Hunter-Lab	71.9696, 1.4052, -6.9330

Details

The Yxy color **51.7963, 0.2973, 0.2999** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2690, 0.3272, 0.3569**, and the grayscale version is **52.4296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6955, 0.3081, 0.3183**, and **25.0806, 0.2929, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **41.1389, 0.2816, 0.2709**, and if you desaturate by 10%, it is **64.0938, 0.3111, 0.3258**.

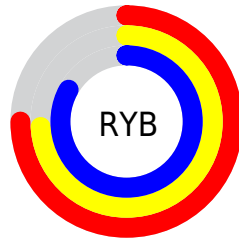
Distribution



Red (75%)

Green (74%)

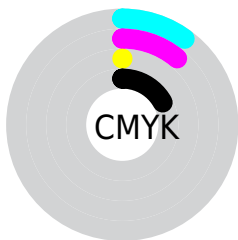
Blue (83%)



Red (75%)

Yellow (74%)

Blue (83%)

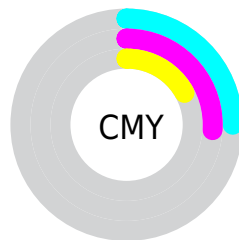


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (25%)

Magenta (26%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7963, 0.2973, 0.2999 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 51.7963, 0.2973, 0.2999 by changing the saturation by 10% instead.

■ 51.7963, 0.2973,
0.2999

■ 51.7963, 0.2973,
0.2999

393.6497, 0.3049,
0.3140

■ 36.8427, 0.2954,
0.2965

■ 92.8308, 0.3000,
0.3049

■ 25.0857, 0.2930,
0.2923

119.6804, 0.3011,
0.3068

■ 16.1410, 0.2899,
0.2867

151.2643, 0.3020,
0.3085

■ 9.6240, 0.2856,
0.2792

187.9667, 0.3027,
0.3099

■ 5.1503, 0.2793,
0.2685

230.1720, 0.3034,
0.3111

■ 2.3357, 0.2693,
0.2521

278.2647, 0.3040,

■ 0.7925, 0.2514,

0.3122

0.2231

332.6291, 0.3045,
0.3131

0.0000, 0.0000,
0.0000

51.7963, 0.2973,
0.2999

51.7963, 0.2973,
0.2999

41.1389, 0.2816,
0.2709

64.0938, 0.3111,
0.3258

32.0458, 0.2641,
0.2391

78.0898, 0.3230,
0.3487

24.4452, 0.2450,
0.2053

93.8479, 0.3332,
0.3686

18.2569, 0.2251,
0.1709

97.5327, 0.3382,
0.3711

13.3932, 0.2053,
0.1379

■ 9.7566, 0.1871,
0.1086

■ 7.2359, 0.1718,
0.0854

■ 5.6997, 0.1605,
0.0700

■ 4.9756, 0.1542,
0.0623

Harmonies

Analogous

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



51.7963, 0.2846, 0.3015



51.7963, 0.2973, 0.2999



51.7963, 0.3144, 0.3057

Triad

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



51.7963, 0.2973, 0.2999



51.7963, 0.3473, 0.3463



51.7963, 0.2939, 0.3410

Complementary

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



51.7963, 0.2973, 0.2999



64.2690, 0.3272, 0.3569

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.



51.7963, 0.3103, 0.3541



51.7963, 0.2973, 0.2999



51.7963, 0.3413, 0.3567

Square

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



51.7963, 0.2973, 0.2999



51.7963, 0.3437, 0.3319



51.7963, 0.3277, 0.3598



51.7963, 0.2827, 0.3248

Rectangle

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



51.7963, 0.2973, 0.2999



51.7963, 0.3262, 0.3129



51.7963, 0.3277, 0.3598



51.7963, 0.2989, 0.3460

Sweetspot

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



51.7985, 0.2973, 0.2999



93.9666, 0.3088, 0.3216



61.1393, 0.2954, 0.3256



19.7762, 0.3078, 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.



51.7985, 0.2973, 0.2999



73.8423, 0.2930, 0.2920



53.3925, 0.3066, 0.3007



12.0816, 0.3000, 0.3050



3.0957, 0.1549, 0.0627



0.2116, 0.1669, 0.0693

Inverse Universe

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



54.5711, 0.3163, 0.3047



79.0183, 0.3173, 0.2985



62.6088, 0.3182, 0.3577



12.6050, 0.3156, 0.3088



10.8333, 0.3546, 0.1727



0.6610, 0.3480, 0.1691

Previews

White Background



This preview shows how the Yxy color 51.7963, 0.2973, 0.2999 looks on a white background.

Color Contrast Check

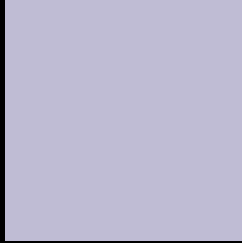
Large Text (above 18pt) WCAG AA × Fail

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 51.7963, 0.2973, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

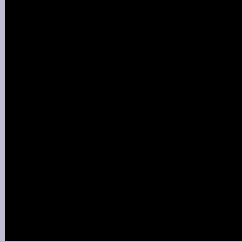
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7963, 0.2973, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 51.7963, 0.2973, 0.2999.



This preview shows how white text looks on a background with the Yxy color 51.7963, 0.2973, 0.2999.

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

51.7963, 0.2973, 0.2999

Protanopia

51.7641, 0.2935, 0.2997

Deuteranopia

51.6441, 0.3029, 0.2956



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.7963, 0.2973, 0.2999

Protanomaly

51.8907, 0.2943, 0.2997

Deuteranomaly

51.6577, 0.3005, 0.2966

Tritanomaly

51.8473, 0.3001, 0.3070

Monochromacy



Original Color

51.7963, 0.2973, 0.2999

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5916, 0.3075, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7963, 0.2973, 0.2999 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, 188, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 188, 212)  
}
```

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, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 188, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.7963, 0.2973, 0.2999 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, 188, 212) }
```

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

```
.border{ border-color:rgb(191, 188, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 188, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 188, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 188, 212); box-shadow:4px 4px 4px 4px rgb(191, 188, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7963, 0.2973, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 188, 212) }
```

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

```
.background{ background-color: rgb(191,  
188, 212) }
```

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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