

Converting Colors

$Y_{xy}(52.1772, 0.3008, 0.2902)$

Have a look what the booklet for
Yxy(52.1772, 0.3008, 0.2902)
contains.

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Color

Yxy(52.1774, 0.3008, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	C9B9DA
RGB	201, 185, 218
RGB Percent	79%, 73%, 85%
CMY	0.2119, 0.2744, 0.1452
CMYK	0.08, 0.15, 0.00, 0.15
HSL	269°, 31%, 79%
HSV	269°, 15%, 85%
XYZ	54.0833, 52.1774, 73.5374
YIQ	193.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

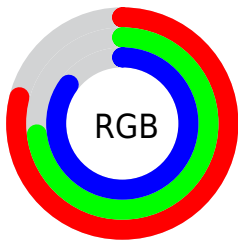
Format	Color
R_{YB}	201, 185, 218
Decimal	13220314
CIE Lab	77.39, 11.80, -14.46
CIE LCh	77, 18.665, 309.210
Yxy	52.1774, 0.3008, 0.2902
Android (android.graphics.Color)	4291410394 (0xFFC9B9DA)
YUV	193.5460, 12.0558, 6.5372
Hunter-Lab	72.2339, 7.2378, -9.7962

Details

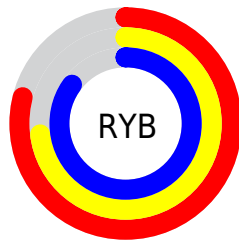
The Yxy color **52.1774, 0.3008, 0.2902** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.1975, 0.3233, 0.3678**, and the grayscale version is **53.5936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **25.3499, 0.2976, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **42.2447, 0.2913, 0.2621**, and if you desaturate by 10%, it is **63.6269, 0.3090, 0.3164**.

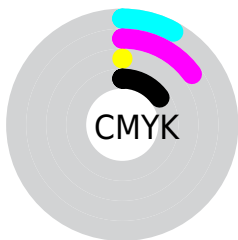
Distribution



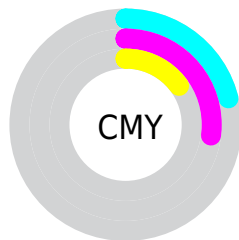
- Red (79%)
- Green (73%)
- Blue (85%)



- Red (79%)
- Yellow (73%)
- Blue (85%)



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



- Cyan (21%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1774, 0.3008, 0.2902 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 52.1774, 0.3008, 0.2902 by changing the saturation by 10% instead.

■ 52.1774, 0.3008,
0.2902

■ 52.1774, 0.3008,
0.2902

■ 395.1211, 0.3068,
0.3088

■ 37.1465, 0.2993,
0.2858

■ 93.3928, 0.3030,
0.2968

■ 25.3209, 0.2974,
0.2803

■ 120.3461, 0.3038,
0.2993

■ 16.3163, 0.2948,
0.2732

■ 152.0423, 0.3045,
0.3014

■ 9.7483, 0.2913,
0.2638

■ 188.8659, 0.3051,
0.3033

■ 5.2324, 0.2860,
0.2505

■ 231.2011, 0.3056,
0.3049

■ 2.3842, 0.2776,
0.2306

■ 279.4325, 0.3060,

■ 0.8178, 0.2622,

0.3063

0.1975

333.9443, 0.3064,
0.3076

■ 0.0000, 0.0184,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1774, 0.3008,
0.2902

■ 52.1774, 0.3008,
0.2902

■ 42.2447, 0.2913,
0.2621

■ 63.6269, 0.3090,
0.3164

■ 33.7563, 0.2805,
0.2326

■ 76.6483, 0.3160,
0.3404

■ 26.6435, 0.2684,
0.2025

■ 91.3022, 0.3218,
0.3622

■ 20.8293, 0.2554,
0.1732

■ 96.1674, 0.3287,
0.3658

■ 16.2288, 0.2418,
0.1460

■ 97.8410, 0.3346,
0.3651

■ 12.7465, 0.2282,
0.1226

■ 10.2720, 0.2152,
0.1041

■ 8.6706, 0.2035,
0.0913

■ 8.0947, 0.1982,
0.0865

Harmonies

Analogous

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



52.1774, 0.2793, 0.2875



52.1774, 0.3008, 0.2902



52.1774, 0.3263, 0.3023

Triad

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



52.1774, 0.3008, 0.2902



52.1774, 0.3604, 0.3610



52.1774, 0.2775, 0.3360

Complementary

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



52.1774, 0.3008, 0.2902



66.1975, 0.3233, 0.3678

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.



52.1774, 0.2980, 0.3582



52.1774, 0.3008, 0.2902



52.1774, 0.3461, 0.3723

Square

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



52.1774, 0.3008, 0.2902



52.1774, 0.3615, 0.3421



52.1774, 0.3231, 0.3717



52.1774, 0.2663, 0.3127

Rectangle

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



52.1774, 0.3008, 0.2902



52.1774, 0.3421, 0.3142



52.1774, 0.3231, 0.3717



52.1774, 0.2835, 0.3439

Sweetspot

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



52.1796, 0.3008, 0.2902



90.9067, 0.3091, 0.3166



57.6415, 0.2892, 0.3098



19.1941, 0.3085, 0.3148



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.



52.1796, 0.3008, 0.2902



69.9114, 0.2981, 0.2818



54.5842, 0.3140, 0.2918



12.9249, 0.3056, 0.3054



4.9139, 0.1997, 0.0874



0.3695, 0.2177, 0.0973

Inverse Universe

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



53.8733, 0.3270, 0.3095



72.7809, 0.3304, 0.3054



64.0219, 0.3112, 0.3692



13.1632, 0.3211, 0.3170



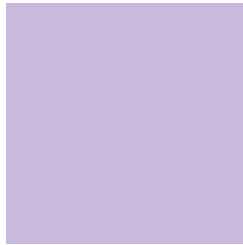
9.6592, 0.4882, 0.2463



0.6432, 0.4536, 0.2272

Previews

White Background



This preview shows how the Yxy color 52.1774, 0.3008, 0.2902 looks on a white background.

Color Contrast Check

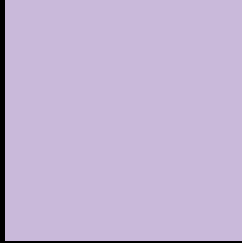
Large Text (above 18pt) WCAG AA × Fail

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 52.1774, 0.3008, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

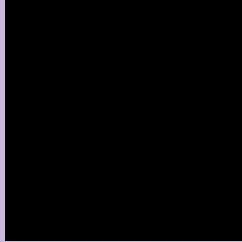
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1774, 0.3008, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 52.1774, 0.3008, 0.2902.



This preview shows how white text looks on a background with the Yxy color 52.1774, 0.3008, 0.2902.

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

52.1774, 0.3008, 0.2902

Protanopia

52.4865, 0.2873, 0.2916

Deuteranopia

52.0501, 0.2977, 0.2910



Tritanopia

52.3728, 0.3111, 0.3121

Trichromacy



Original Color

52.1774, 0.3008, 0.2902

Protanomaly

52.2101, 0.2916, 0.2907

Deuteranomaly

52.1855, 0.2984, 0.2911

Tritanomaly

52.3741, 0.3074, 0.3039

Monochromacy



Original Color

52.1774, 0.3008, 0.2902

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4437, 0.3086, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1774, 0.3008, 0.2902 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, 185, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 218)  
}
```

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, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 218) }
```

Border

The CSS property to change the border of an element to Yxy 52.1774, 0.3008, 0.2902 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, 185, 218) }
```

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

```
.border{ border-color:rgb(201, 185, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1774, 0.3008, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 218) }
```

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

```
.background{ background-color: rgb(201,  
185, 218) }
```

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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