

Converting Colors

$Yxy(51.0615, 0.3018, 0.2962)$

Have a look what the booklet for
Yxy(51.0615, 0.3018, 0.2962)
contains.

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Color

Yxy(51.3217, 0.3020, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	C5B9D4
RGB	197, 185, 212
RGB Percent	77%, 73%, 83%
CMY	0.2275, 0.2745, 0.1685
CMYK	0.07, 0.13, 0.00, 0.17
HSL	267°, 24%, 78%
HSV	267°, 13%, 83%
XYZ	52.2561, 51.3217, 69.4556
YIQ	191.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

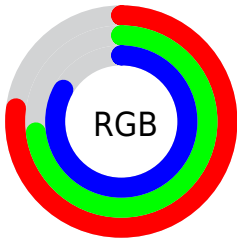
Format	Color
R_{YB}	197, 185, 212
Decimal	12958164
CIE Lab	76.87, 9.29, -12.04
CIE LCh	77, 15.208, 307.664
Yxy	51.3217, 0.3020, 0.2966
Android (android.graphics.Color)	4291148244 (0xFFC5B9D4)
YUV	191.6660, 10.0247, 4.6779
Hunter-Lab	71.6392, 4.8355, -7.3354

Details

The Yxy color **51.3217, 0.3020, 0.2966** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.8907, 0.3224, 0.3612**, and the grayscale version is **52.4487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2014, 0.3127, 0.3155**, and **24.7765, 0.2992, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **41.5715, 0.2920, 0.2687**, and if you desaturate by 10%, it is **62.5240, 0.3106, 0.3223**.

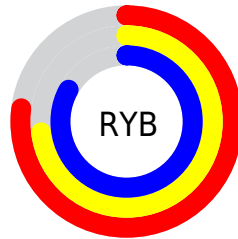
Distribution



Red (77%)

Green (73%)

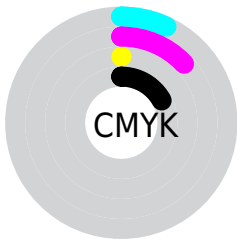
Blue (83%)



Red (77%)

Yellow (73%)

Blue (83%)

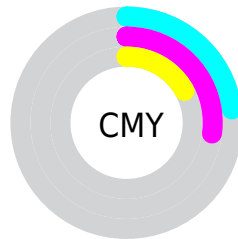


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3217, 0.3020, 0.2966 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 51.3217, 0.3020, 0.2966 by changing the saturation by 10% instead.

■ 51.3217, 0.3020,
0.2966

■ 51.3217, 0.3020,
0.2966

391.8124, 0.3074,
0.3122

■ 36.4647, 0.3007,
0.2929

■ 92.1301, 0.3040,
0.3021

■ 24.7933, 0.2989,
0.2882

118.8503, 0.3047,
0.3043

■ 15.9231, 0.2967,
0.2821

150.2937, 0.3053,
0.3061

■ 9.4698, 0.2935,
0.2739

186.8447, 0.3058,
0.3076

■ 5.0488, 0.2888,
0.2622

228.8877, 0.3063,
0.3090

■ 2.2759, 0.2811,
0.2445

276.8070, 0.3067,

■ 0.7609, 0.2673,

0.3102

0.2130

330.9871, 0.3071,
0.3113

0.0000, 0.0000,
0.0000

51.3217, 0.3020,
0.2966

51.3217, 0.3020,
0.2966

41.5715, 0.2920,
0.2687

62.5240, 0.3106,
0.3223

33.2057, 0.2806,
0.2392

75.2295, 0.3179,
0.3458

26.1609, 0.2679,
0.2087

89.4945, 0.3241,
0.3668

20.3659, 0.2542,
0.1785

95.5475, 0.3311,
0.3720

15.7426, 0.2397,
0.1501

97.5348, 0.3381,
0.3710

■ 12.2040, 0.2252,
0.1249

■ 9.6499, 0.2114,
0.1045

■ 7.9607, 0.1989,
0.0900

■ 7.1298, 0.1908,
0.0825

Harmonies

Analogous

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



51.3217, 0.2846, 0.2949



51.3217, 0.3020, 0.2966



51.3217, 0.3229, 0.3063

Triad

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



51.3217, 0.3020, 0.2966



51.3217, 0.3520, 0.3548



51.3217, 0.2845, 0.3358

Complementary

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



51.3217, 0.3020, 0.2966



62.8907, 0.3224, 0.3612

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.



51.3217, 0.3018, 0.3535



51.3217, 0.3020, 0.2966



51.3217, 0.3410, 0.3642

Square

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



51.3217, 0.3020, 0.2966



51.3217, 0.3523, 0.3391



51.3217, 0.3225, 0.3640



51.3217, 0.2747, 0.3168

Rectangle

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



51.3217, 0.3020, 0.2966



51.3217, 0.3359, 0.3160



51.3217, 0.3225, 0.3640



51.3217, 0.2896, 0.3422

Sweetspot

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



51.3239, 0.3020, 0.2966



92.6021, 0.3095, 0.3191



56.5267, 0.2930, 0.3147



19.5318, 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.



51.3239, 0.3020, 0.2966



74.1572, 0.2997, 0.2901



53.1915, 0.3127, 0.2977



12.2752, 0.3050, 0.3054



4.4577, 0.1923, 0.0833



0.3175, 0.2118, 0.0941

Inverse Universe

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



52.8759, 0.3236, 0.3114



76.9334, 0.3259, 0.3079



61.1441, 0.3125, 0.3622



12.5355, 0.3205, 0.3161



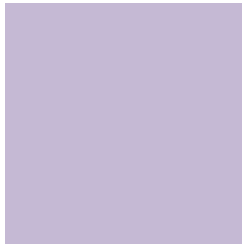
9.4705, 0.4708, 0.2367



0.5878, 0.4379, 0.2186

Previews

White Background



This preview shows how the Yxy color 51.3217, 0.3020, 0.2966 looks on a white background.

Color Contrast Check

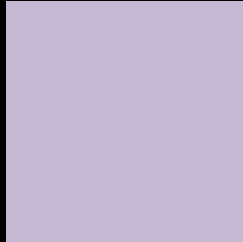
Large Text (above 18pt) WCAG AA × Fail

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 51.3217, 0.3020, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

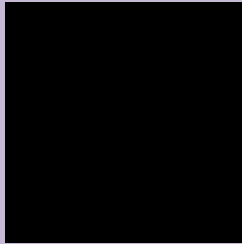
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3217, 0.3020, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 51.3217, 0.3020, 0.2966.



This preview shows how white text looks on a background with the Yxy color 51.3217, 0.3020, 0.2966.

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

51.3217, 0.3020, 0.2966

Protanopia

51.2606, 0.2920, 0.2972

Deuteranopia

51.4572, 0.3028, 0.2967



Tritanopia

51.4070, 0.3079, 0.3107

Trichromacy



Original Color

51.3217, 0.3020, 0.2966

Protanomaly

51.2919, 0.2958, 0.2974

Deuteranomaly

51.4572, 0.3028, 0.2967

Tritanomaly

51.3098, 0.3057, 0.3048

Monochromacy



Original Color

51.3217, 0.3020, 0.2966

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9880, 0.3092, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3217, 0.3020, 0.2966 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(197, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 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(197, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.3217, 0.3020, 0.2966 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(197, 185, 212) }
```

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

```
.border{ border-color:rgb(197, 185, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3217, 0.3020, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 212) }
```

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

```
.background{ background-color: rgb(197,  
185, 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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