

Converting Colors

$Y_{xy}(50.2076, 0.2920, 0.2958)$

Have a look what the booklet for
Yxy(50.2076, 0.2920, 0.2958)
contains.

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Color

Yxy(50.2362, 0.2919, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	B9BAD5
RGB	185, 186, 213
RGB Percent	73%, 73%, 84%
CMY	0.2745, 0.2706, 0.1648
CMYK	0.13, 0.13, 0.00, 0.16
HSL	238°, 25%, 78%
HSV	238°, 13%, 84%
XYZ	49.5739, 50.2362, 70.0216
YIQ	188.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

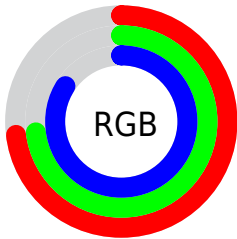
Format	Color
RYB	185, 186, 213
Decimal	12171989
CIELab	76.21, 5.00, -13.64
CIELCh	76, 14.531, 290.140
Yxy	50.2362, 0.2919, 0.2958
Android (android.graphics.Color)	4290362069 (0xFFB9BAD5)
YUV	188.7790, 11.9410, -3.3142
Hunter-Lab	70.8775, 0.8126, -8.9598

Details

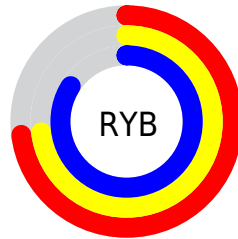
The Yxy color **50.2362, 0.2919, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.7183, 0.3324, 0.3602**, and the grayscale version is **50.6909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4250, 0.3043, 0.3162**, and **24.1492, 0.2867, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **39.7472, 0.2738, 0.2668**, and if you desaturate by 10%, it is **62.3687, 0.3081, 0.3216**.

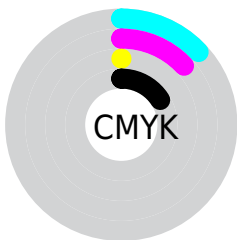
Distribution



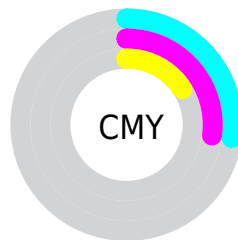
- Red (73%)
- Green (73%)
- Blue (84%)



- Red (73%)
- Yellow (73%)
- Blue (84%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2362, 0.2919, 0.2958 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 50.2362, 0.2919, 0.2958 by changing the saturation by 10% instead.

■ 50.2362, 0.2919,
0.2958

■ 50.2362, 0.2919,
0.2958

387.5889, 0.3022,
0.3119

■ 35.6011, 0.2894,
0.2919

■ 90.5247, 0.2956,
0.3016

■ 24.1263, 0.2861,
0.2870

116.9470, 0.2970,
0.3038

■ 15.4273, 0.2819,
0.2806

148.0671, 0.2982,
0.3056

■ 9.1198, 0.2760,
0.2719

184.2694, 0.2992,
0.3072

■ 4.8194, 0.2675,
0.2595

225.9383, 0.3001,
0.3086

■ 2.1417, 0.2540,
0.2403

273.4583, 0.3009,

■ 0.6879, 0.2302,

0.3099

0.2041

327.2137, 0.3016,
0.3110

0.0000, 0.0000,
0.0000

50.2362, 0.2919,
0.2958

50.2362, 0.2919,
0.2958

39.7472, 0.2738,
0.2668

62.3687, 0.3081,
0.3216

30.8252, 0.2540,
0.2348

76.2046, 0.3222,
0.3441

23.3969, 0.2330,
0.2007

91.8083, 0.3346,
0.3636

17.3806, 0.2119,
0.1660

97.5832, 0.3376,
0.3701

12.6868, 0.1919,
0.1330

■ 9.2161, 0.1747,
0.1040

■ 6.8545, 0.1616,
0.0816

■ 5.4669, 0.1536,
0.0673

■ 4.9702, 0.1505,
0.0619

Harmonies

Analogous

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



50.2362, 0.2790, 0.2991



50.2362, 0.2919, 0.2958



50.2362, 0.3107, 0.3008

Triad

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



50.2362, 0.2919, 0.2958



50.2362, 0.3520, 0.3455



50.2362, 0.2946, 0.3460

Complementary

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



50.2362, 0.2919, 0.2958



64.7183, 0.3324, 0.3602

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.



50.2362, 0.3138, 0.3596



50.2362, 0.2919, 0.2958



50.2362, 0.3473, 0.3586

Square

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



50.2362, 0.2919, 0.2958



50.2362, 0.3459, 0.3288



50.2362, 0.3331, 0.3640



50.2362, 0.2806, 0.3278

Rectangle

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



50.2362, 0.2919, 0.2958



50.2362, 0.3241, 0.3081



50.2362, 0.3331, 0.3640



50.2362, 0.3007, 0.3513

Sweetspot

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



50.2383, 0.2919, 0.2958



92.0034, 0.3067, 0.3194



62.6256, 0.2937, 0.3306



19.3806, 0.3055, 0.3175



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.



50.2383, 0.2919, 0.2958



70.4912, 0.2866, 0.2874



51.4499, 0.3018, 0.2955



12.0799, 0.2981, 0.3058



3.0686, 0.1507, 0.0625



0.2110, 0.1528, 0.0702

Inverse Universe

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



52.3856, 0.3358, 0.3279



74.3955, 0.3421, 0.3276



63.4149, 0.3226, 0.3623



12.4280, 0.3285, 0.3282



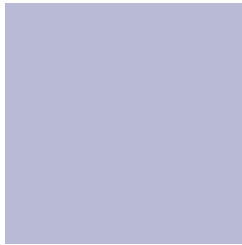
8.6546, 0.6359, 0.3277



0.5246, 0.6229, 0.3205

Previews

White Background



This preview shows how the Yxy color 50.2362, 0.2919, 0.2958 looks on a white background.

Color Contrast Check

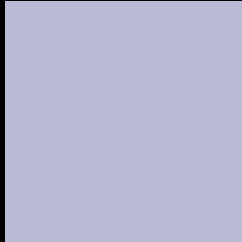
Large Text (above 18pt) WCAG AA × Fail

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 50.2362, 0.2919, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

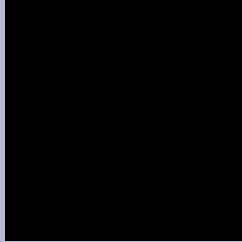
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2362, 0.2919, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 50.2362, 0.2919, 0.2958.



This preview shows how white text looks on a background with the Yxy color 50.2362, 0.2919, 0.2958.

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

50.2362, 0.2919, 0.2958

Protanopia

50.1123, 0.2911, 0.2957

Deuteranopia

50.1913, 0.2982, 0.2916



Tritanopia

50.3455, 0.2975, 0.3102

Trichromacy



Original Color

50.2362, 0.2919, 0.2958

Protanomaly

50.1123, 0.2911, 0.2957

Deuteranomaly

50.2124, 0.2958, 0.2926

Tritanomaly

50.2360, 0.2954, 0.3041

Monochromacy



Original Color

50.2362, 0.2919, 0.2958

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7350, 0.3052, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2362, 0.2919, 0.2958 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(185, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 213)  
}
```

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(185, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.2362, 0.2919, 0.2958 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(185, 186, 213) }
```

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

```
.border{ border-color:rgb(185, 186, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2362, 0.2919, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 213) }
```

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

```
.background{ background-color: rgb(185,  
186, 213) }
```

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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