

Converting Colors

$Yxy(52.4051, 0.2953, 0.2872)$

Have a look what the booklet for
Yxy(52.4051, 0.2953, 0.2872)
contains.

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Color

Yxy(52.2621, 0.2948, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	C5BADE
RGB	197, 186, 222
RGB Percent	77%, 73%, 87%
CMY	0.2274, 0.2706, 0.1293
CMYK	0.11, 0.16, 0.00, 0.13
HSL	258°, 35%, 80%
HSV	258°, 16%, 87%
XYZ	53.7762, 52.2621, 76.3775
YIQ	193.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

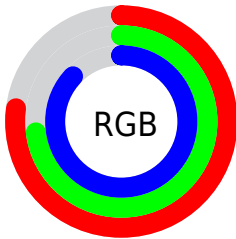
Format	Color
R_{YB}	197, 186, 222
Decimal	12958430
CIE _{Lab}	77.44, 10.80, -16.61
CIE _{LCh}	77, 19.807, 303.029
Yxy	52.2621, 0.2948, 0.2865
Android (android.graphics.Color)	4291148510 (0xFFC5BADE)
YUV	193.3930, 14.1033, 3.1633
Hunter-Lab	72.2925, 6.2686, -12.0354

Details

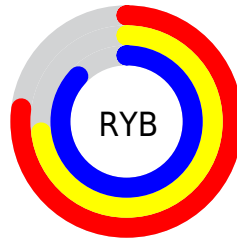
The Yxy color **52.2621, 0.2948, 0.2865** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.6496, 0.3288, 0.3702**, and the grayscale version is **53.4925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7951, 0.3127, 0.3165**, and **25.4047, 0.2896, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **41.6502, 0.2816, 0.2570**, and if you desaturate by 10%, it is **64.5444, 0.3063, 0.3135**.

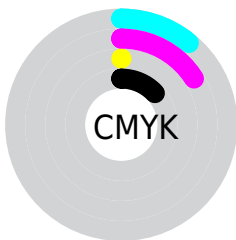
Distribution



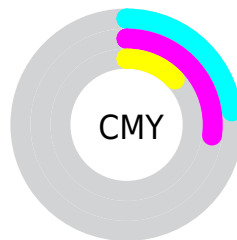
- Red (77%)
- Green (73%)
- Blue (87%)



- Red (77%)
- Yellow (73%)
- Blue (87%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)





- Cyan (23%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2621, 0.2948, 0.2865 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 52.2621, 0.2948, 0.2865 by changing the saturation by 10% instead.


 52.2621, 0.2948,
0.2865

 52.2621, 0.2948,
0.2865


395.4476, 0.3037,
0.3068

 37.2140, 0.2926,
0.2817


 93.5177, 0.2980,
0.2937

 25.3733, 0.2898,
0.2757


120.4940, 0.2992,
0.2964

 16.3554, 0.2861,
0.2680


152.2151, 0.3003,
0.2988

 9.7760, 0.2810,
0.2577

189.0655, 0.3012,
0.3008

 5.2507, 0.2736,
0.2433

231.4296, 0.3019,
0.3026

 2.3951, 0.2619,
0.2219

279.6917, 0.3026,

 0.8234, 0.2411,

0.3042

0.1867

334.2362, 0.3032,
0.3056

0.0000, 0.0000,
0.0000

52.2621, 0.2948,
0.2865

52.2621, 0.2948,
0.2865

41.6502, 0.2816,
0.2570

64.5444, 0.3063,
0.3135

32.6288, 0.2668,
0.2257

78.5592, 0.3163,
0.3379

25.1214, 0.2506,
0.1933

94.3735, 0.3248,
0.3596

19.0423, 0.2335,
0.1615

98.0553, 0.3321,
0.3611

14.2970, 0.2163,
0.1319

■ 10.7791, 0.2000,
0.1066

■ 8.3655, 0.1855,
0.0872

■ 6.9035, 0.1737,
0.0746

■ 6.5024, 0.1699,
0.0710

Harmonies

Analogous

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



52.2621, 0.2738, 0.2858



52.2621, 0.2948, 0.2865



52.2621, 0.3215, 0.2974

Triad

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



52.2621, 0.2948, 0.2865



52.2621, 0.3647, 0.3592



52.2621, 0.2792, 0.3416

Complementary

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



52.2621, 0.2948, 0.2865



69.6496, 0.3288, 0.3702

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.



52.2621, 0.3024, 0.3640



52.2621, 0.2948, 0.2865



52.2621, 0.3521, 0.3734

Square

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



52.2621, 0.2948, 0.2865



52.2621, 0.3628, 0.3382



52.2621, 0.3291, 0.3757



52.2621, 0.2651, 0.3164

Rectangle

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



52.2621, 0.2948, 0.2865



52.2621, 0.3390, 0.3091



52.2621, 0.3291, 0.3757



52.2621, 0.2861, 0.3498

Sweetspot

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



52.2643, 0.2948, 0.2865



90.4935, 0.3076, 0.3166



62.4098, 0.2877, 0.3162



19.0938, 0.3069, 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.



52.2643, 0.2948, 0.2865



67.0594, 0.2911, 0.2781



54.8107, 0.3088, 0.2883



13.4457, 0.3028, 0.3051



3.9127, 0.1712, 0.0717



0.3173, 0.1879, 0.0809

Inverse Universe

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



55.3524, 0.3231, 0.3009



71.9694, 0.3253, 0.2956



67.1648, 0.3158, 0.3719



13.8605, 0.3184, 0.3129



10.6320, 0.4165, 0.2068



0.7527, 0.3982, 0.1967

Previews

White Background



This preview shows how the Yxy color 52.2621, 0.2948, 0.2865 looks on a white background.

Color Contrast Check

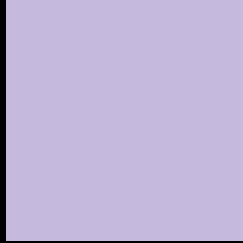
Large Text (above 18pt) WCAG AA × Fail

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 52.2621, 0.2948, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

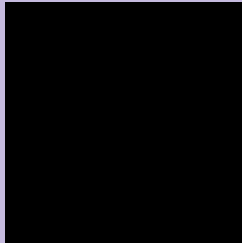
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2621, 0.2948, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 52.2621, 0.2948, 0.2865.



This preview shows how white text looks on a background with the Yxy color 52.2621, 0.2948, 0.2865.

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

52.2621, 0.2948, 0.2865

Protanopia

52.5230, 0.2845, 0.2881

Deuteranopia

52.4167, 0.2933, 0.2876



Tritanopia

52.2242, 0.3055, 0.3107

Trichromacy



Original Color

52.2621, 0.2948, 0.2865

Protanomaly

52.5417, 0.2881, 0.2883

Deuteranomaly

52.5503, 0.2941, 0.2876

Tritanomaly

52.2717, 0.3012, 0.3013

Monochromacy



Original Color

52.2621, 0.2948, 0.2865

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6559, 0.3055, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2621, 0.2948, 0.2865 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, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 222)  
}
```

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, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 222) }
```

Border

The CSS property to change the border of an element to Yxy 52.2621, 0.2948, 0.2865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

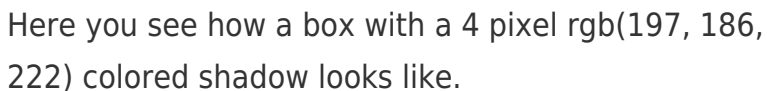
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 186, 222) }
```

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

```
.border{ border-color:rgb(197, 186, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 186, 222); box-shadow:4px 4px 4px 4px rgb(197, 186, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2621, 0.2948, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 222) }
```

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

```
.background{ background-color: rgb(197,  
186, 222) }
```

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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