

Converting Colors

$Y_{xy}(49.3792, 0.2938, 0.2853)$

Have a look what the booklet for
Yxy(49.3792, 0.2938, 0.2853)
contains.

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Color

Yxy(49.3162, 0.2936, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	C0B5DA
RGB	192, 181, 218
RGB Percent	75%, 71%, 85%
CMY	0.2472, 0.2901, 0.1450
CMYK	0.12, 0.17, 0.00, 0.15
HSL	258°, 33%, 78%
HSV	258°, 17%, 85%
XYZ	50.9115, 49.3162, 73.1766
YIQ	188.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

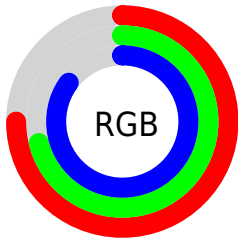
Format	Color
R _Y B	192, 181, 218
Decimal	12629466
CIE Lab	75.65, 11.03, -17.17
CIE LCh	76, 20.412, 302.717
Yxy	49.3162, 0.2936, 0.2844
Android (android.graphics.Color)	4290819546 (0xFFC0B5DA)
YUV	188.5070, 14.5400, 3.0634
Hunter-Lab	70.2255, 6.5129, -12.6237

Details

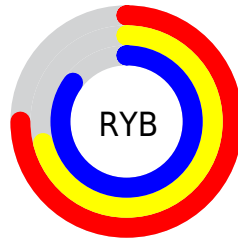
The Yxy color $49.3162, 0.2936, 0.2844$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.7640, 0.3298, 0.3721$, and the grayscale version is $50.5097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9281, 0.3096, 0.3115$, and $23.4860, 0.2879, 0.2725$ is the 20% darker color. If you saturate the color by 10%, you get $39.2341, 0.2801, 0.2547$, and if you desaturate by 10%, it is $60.9988, 0.3054, 0.3116$.

Distribution



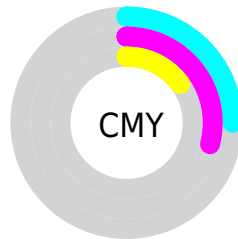
- Red (75%)
- Green (71%)
- Blue (85%)



- Red (75%)
- Yellow (71%)
- Blue (85%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)





- Cyan (25%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3162, 0.2936, 0.2844 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 49.3162, 0.2936, 0.2844 by changing the saturation by 10% instead.


 49.3162, 0.2936,
0.2844

 49.3162, 0.2936,
0.2844


383.9858, 0.3032,
0.3059

 34.8704, 0.2912,
0.2793


 89.1609, 0.2971,
0.2920

 23.5630, 0.2881,
0.2729


115.3286, 0.2984,
0.2949

 15.0098, 0.2841,
0.2645


146.1723, 0.2995,
0.2974

 8.8263, 0.2784,
0.2534

182.0765, 0.3005,
0.2996

 4.6280, 0.2701,
0.2376

223.4255, 0.3013,
0.3015

 2.0307, 0.2568,
0.2139

270.6039, 0.3020,

 0.6252, 0.2340,

0.3031

0.1694

323.9958, 0.3026,
0.3046

0.0000, 0.0000,
0.0000

49.3162, 0.2936,
0.2844

49.3162, 0.2936,
0.2844

39.2341, 0.2801,
0.2547

60.9988, 0.3054,
0.3116

30.6756, 0.2649,
0.2232

74.3419, 0.3156,
0.3361

23.5666, 0.2485,
0.1908

89.4100, 0.3244,
0.3580

17.8244, 0.2312,
0.1589

97.5344, 0.3335,
0.3652

13.3574, 0.2139,
0.1294

97.8429, 0.3345,
0.3651

■ 10.0629, 0.1976,
0.1044

■ 7.8210, 0.1833,
0.0854

■ 6.4771, 0.1718,
0.0732

■ 6.1700, 0.1688,
0.0703

Harmonies

Analogous

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



49.3162, 0.2717, 0.2837



49.3162, 0.2936, 0.2844



49.3162, 0.3216, 0.2957

Triad

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



49.3162, 0.2936, 0.2844



49.3162, 0.3675, 0.3604



49.3162, 0.2777, 0.3425

Complementary

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



49.3162, 0.2936, 0.2844



66.7640, 0.3298, 0.3721

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.



49.3162, 0.3021, 0.3660



49.3162, 0.2936, 0.2844



49.3162, 0.3543, 0.3755

Square

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



49.3162, 0.2936, 0.2844



49.3162, 0.3653, 0.3383



49.3162, 0.3302, 0.3782



49.3162, 0.2628, 0.3160

Rectangle

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



49.3162, 0.2936, 0.2844



49.3162, 0.3400, 0.3079



49.3162, 0.3302, 0.3782



49.3162, 0.2850, 0.3511

Sweetspot

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



49.3183, 0.2936, 0.2844



90.4701, 0.3075, 0.3166



59.7730, 0.2866, 0.3163



19.0881, 0.3068, 0.3147



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.



49.3183, 0.2936, 0.2844



65.4799, 0.2895, 0.2751



51.8182, 0.3081, 0.2863



12.8029, 0.3027, 0.3052



3.7445, 0.1701, 0.0711



0.2865, 0.1877, 0.0808

Inverse Universe

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



52.4702, 0.3234, 0.2991



70.7316, 0.3257, 0.2933



64.3116, 0.3164, 0.3739



13.2058, 0.3183, 0.3127



10.3373, 0.4125, 0.2046



0.6845, 0.3941, 0.1945

Previews

White Background



This preview shows how the Yxy color 49.3162, 0.2936, 0.2844 looks on a white background.

Color Contrast Check

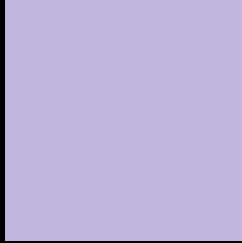
Large Text (above 18pt) WCAG AA × Fail

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 49.3162, 0.2936, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

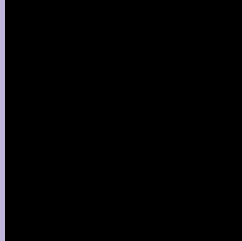
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3162, 0.2936, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 49.3162, 0.2936, 0.2844.



This preview shows how white text looks on a background with the Yxy color 49.3162, 0.2936, 0.2844.

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

49.3162, 0.2936, 0.2844

Protanopia

49.5021, 0.2818, 0.2847

Deuteranopia

49.3367, 0.2913, 0.2853



Tritanopia

49.2233, 0.3053, 0.3103

Trichromacy



Original Color

49.3162, 0.2936, 0.2844

Protanomaly

49.6386, 0.2861, 0.2851

Deuteranomaly

49.4650, 0.2921, 0.2854

Tritanomaly

49.2704, 0.3009, 0.3006

Monochromacy



Original Color

49.3162, 0.2936, 0.2844

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.2351, 0.3053, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3162, 0.2936, 0.2844 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(192, 181, 218)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 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(192, 181, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 218) }
```

Border

The CSS property to change the border of an element to Yxy 49.3162, 0.2936, 0.2844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

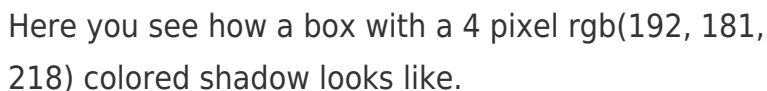
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 181, 218) }
```

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

```
.border{ border-color:rgb(192, 181, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 181, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 218);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3162, 0.2936, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 218) }
```

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

```
.background{ background-color: rgb(192,  
181, 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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