

Converting Colors

$Y_{xy}(48.9552, 0.3042, 0.2972)$

Have a look what the booklet for
Yxy(48.9552, 0.3042, 0.2972)
contains.

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Color

Yxy(49.1548, 0.3042, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5CF
RGB	195, 181, 207
RGB Percent	76%, 71%, 81%
CMY	0.2353, 0.2902, 0.1881
CMYK	0.06, 0.13, 0.00, 0.19
HSL	272°, 21%, 76%
HSV	272°, 13%, 81%
XYZ	50.2956, 49.1548, 65.8869
YIQ	188.1500, -0.0020, 11.0540

Conversions

Conversions Part 2

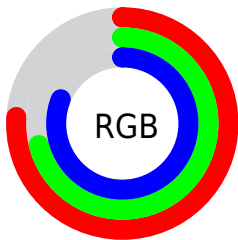
Format	Color
R _Y B	195, 181, 207
Decimal	12826063
CIE Lab	75.55, 9.82, -11.32
CIE LCh	76, 14.989, 310.930
Yxy	49.1548, 0.3042, 0.2973
Android (android.graphics.Color)	4291016143 (0xFFC3B5CF)
YUV	188.1500, 9.2930, 6.0074
Hunter-Lab	70.1105, 5.3584, -6.6410

Details

The Yxy color $49.1548, 0.3042, 0.2973$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $59.3170, 0.3204, 0.3609$, and the grayscale version is $50.3273, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4838, 0.3116, 0.3116$, and $23.4010, 0.3011, 0.2881$ is the 20% darker color. If you saturate the color by 10%, you get $40.1204, 0.2961, 0.2700$, and if you desaturate by 10%, it is $59.5260, 0.3111, 0.3228$.

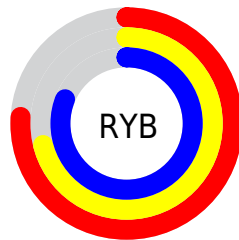
Distribution



Red (76%)

Green (71%)

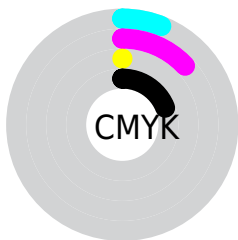
Blue (81%)



Red (76%)

Yellow (71%)

Blue (81%)

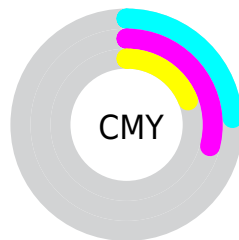


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (24%)


Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1548, 0.3042, 0.2973 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 49.1548, 0.3042, 0.2973 by changing the saturation by 10% instead.


 49.1548, 0.3042,
0.2973

 49.1548, 0.3042,
0.2973

383.3514, 0.3085,
0.3127

 34.7423, 0.3031,
0.2936


 88.9213, 0.3058,
0.3028

 23.4644, 0.3017,
0.2889

115.0441, 0.3064,
0.3049

 14.9368, 0.2998,
0.2828


145.8392, 0.3069,
0.3067

 8.7751, 0.2971,
0.2745

181.6908, 0.3073,
0.3082

 4.5947, 0.2931,
0.2627

222.9834, 0.3077,
0.3095

 2.0115, 0.2863,
0.2444

270.1015, 0.3080,

 0.6141, 0.2756,

0.3107

0.2055

323.4294, 0.3083,
0.3118

0.0000, 0.0000,
0.0000

49.1548, 0.3042,
0.2973

49.1548, 0.3042,
0.2973

40.1204, 0.2961,
0.2700

59.5260, 0.3111,
0.3228

32.3601, 0.2868,
0.2413

71.2808, 0.3170,
0.3462

25.8152, 0.2764,
0.2121

84.4714, 0.3218,
0.3674

20.4202, 0.2650,
0.1834

93.3938, 0.3269,
0.3782

16.1028, 0.2528,
0.1565

95.0496, 0.3331,
0.3773

■ 12.7825, 0.2405,
0.1328

■ 96.7941, 0.3394,
0.3763

■ 10.3670, 0.2284,
0.1138

■ 97.2865, 0.3412,
0.3760

■ 8.7454, 0.2170,
0.1000

■ 7.9117, 0.2092,
0.0926

Harmonies

Analogous

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



49.1548, 0.2862, 0.2947



49.1548, 0.3042, 0.2973



49.1548, 0.3251, 0.3077

Triad

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



49.1548, 0.3042, 0.2973



49.1548, 0.3513, 0.3562



49.1548, 0.2830, 0.3337

Complementary

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



49.1548, 0.3042, 0.2973



59.3170, 0.3204, 0.3609

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.



49.1548, 0.2997, 0.3518



49.1548, 0.3042, 0.2973



49.1548, 0.3392, 0.3647

Square

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



49.1548, 0.3042, 0.2973



49.1548, 0.3528, 0.3410



49.1548, 0.3202, 0.3634



49.1548, 0.2742, 0.3149

Rectangle

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



49.1548, 0.3042, 0.2973



49.1548, 0.3378, 0.3178



49.1548, 0.3202, 0.3634



49.1548, 0.2878, 0.3401

Sweetspot

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



49.1569, 0.3042, 0.2973



92.7812, 0.3102, 0.3191



52.5352, 0.2932, 0.3117



19.5771, 0.3097, 0.3173



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.



49.1569, 0.3042, 0.2973



74.7785, 0.3022, 0.2903



50.7814, 0.3148, 0.2993



11.7264, 0.3065, 0.3056



5.0400, 0.2106, 0.0934



0.3287, 0.2299, 0.1040

Inverse Universe

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



50.1686, 0.3254, 0.3146



76.7215, 0.3284, 0.3115



57.8358, 0.3106, 0.3607



11.8978, 0.3219, 0.3183



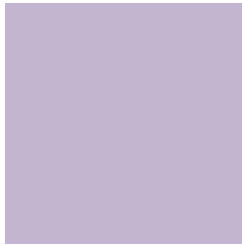
8.9042, 0.5105, 0.2586



0.5138, 0.4668, 0.2345

Previews

White Background



This preview shows how the Yxy color 49.1548, 0.3042, 0.2973 looks on a white background.

Color Contrast Check

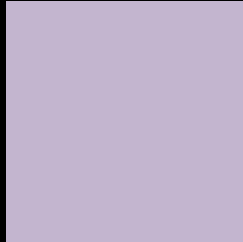
Large Text (above 18pt) WCAG AA × Fail

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 49.1548, 0.3042, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

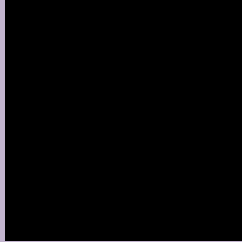
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1548, 0.3042, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 49.1548, 0.3042, 0.2973.



This preview shows how white text looks on a background with the Yxy color 49.1548, 0.3042, 0.2973.

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

49.1548, 0.3042, 0.2973

Protanopia

49.3687, 0.2932, 0.2991

Deuteranopia

49.1548, 0.3042, 0.2973



Tritanopia

49.2356, 0.3102, 0.3117

Trichromacy



Original Color

49.1548, 0.3042, 0.2973

Protanomaly

49.3998, 0.2970, 0.2993

Deuteranomaly

49.1548, 0.3042, 0.2973

Tritanomaly

49.1423, 0.3080, 0.3056

Monochromacy



Original Color

49.1548, 0.3042, 0.2973

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.7144, 0.3100, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1548, 0.3042, 0.2973 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(195, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 207)  
}
```

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(195, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 207) }
```

Border

The CSS property to change the border of an element to Yxy 49.1548, 0.3042, 0.2973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

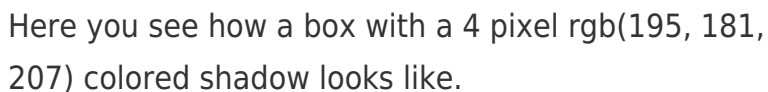
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 181, 207) }
```

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

```
.border{ border-color:rgb(195, 181, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 181, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 181, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 181, 207); box-shadow:4px 4px 4px 4px rgb(195, 181, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1548, 0.3042, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 207) }
```

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

```
.background{ background-color: rgb(195,  
181, 207) }
```

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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