

Converting Colors

$Yxy(49.4467, 0.2988, 0.3117)$

Have a look what the booklet for
Yxy(49.4467, 0.2988, 0.3117)
contains.

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Color

Yxy(49.2330, 0.2989, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAC8
RGB	182, 186, 200
RGB Percent	71%, 73%, 78%
CMY	0.2863, 0.2705, 0.2157
CMYK	0.09, 0.07, 0.00, 0.22
HSL	227°, 14%, 75%
HSV	227°, 9%, 78%
XYZ	47.2719, 49.2330, 61.6480
YIQ	186.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

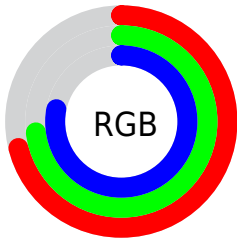
Format	Color
R _Y B	182, 185, 200
Decimal	11975368
CIE Lab	75.60, 1.34, -7.53
CIE LCh	76, 7.650, 280.074
Yxy	49.2330, 0.2989, 0.3113
Android (android.graphics.Color)	4290165448 (0xFFB6BAC8)
YUV	186.4000, 6.7048, -3.8588
Hunter-Lab	70.1662, -2.5331, -2.9758

Details

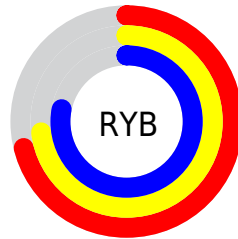
The Yxy color $49.2330, 0.2989, 0.3113$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.1195, 0.3265, 0.3461$, and the grayscale version is $49.3030, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9014, 0.3024, 0.3161$, and $23.5175, 0.2951, 0.3067$ is the 20% darker color. If you saturate the color by 10%, you get $40.7796, 0.2822, 0.2893$, and if you desaturate by 10%, it is $58.7495, 0.3142, 0.3308$.

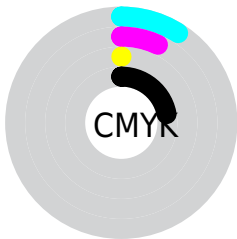
Distribution



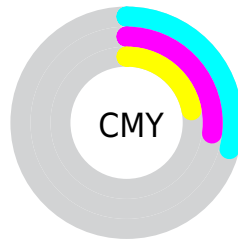
- Red (71%)
- Green (73%)
- Blue (78%)



- Red (71%)
- Yellow (73%)
- Blue (78%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2330, 0.2989, 0.3113 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 49.2330, 0.2989, 0.3113 by changing the saturation by 10% instead.

■ 49.2330, 0.2989,
0.3113

■ 49.2330, 0.2989,
0.3113

383.6589, 0.3057,
0.3200

■ 34.8043, 0.2972,
0.3092

■ 89.0374, 0.3014,
0.3144

■ 23.5122, 0.2951,
0.3064

115.1820, 0.3023,
0.3156

■ 14.9722, 0.2922,
0.3028

146.0006, 0.3031,
0.3166

■ 8.7999, 0.2883,
0.2979

181.8777, 0.3038,
0.3175

■ 4.6109, 0.2824,
0.2906

223.1977, 0.3044,
0.3183

■ 2.0208, 0.2731,
0.2790

270.3450, 0.3049,

■ 0.6195, 0.2524,

0.3189

0.2516

323.7039, 0.3053,
0.3195

0.0000, 0.0000,
0.0000

49.2330, 0.2989,
0.3113

49.2330, 0.2989,
0.3113

40.7796, 0.2822,
0.2893

58.7495, 0.3142,
0.3308

33.3457, 0.2643,
0.2647

69.3582, 0.3280,
0.3480

26.8938, 0.2455,
0.2380

81.0949, 0.3404,
0.3629

21.3820, 0.2264,
0.2096

92.6435, 0.3467,
0.3767

16.7647, 0.2077,
0.1804

96.9497, 0.3454,
0.3830

■ 12.9928, 0.1906,
0.1518

■ 10.0119, 0.1759,
0.1253

■ 7.7607, 0.1647,
0.1025

■ 6.1556, 0.1571,
0.0845

Harmonies

Analogous

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



49.2330, 0.2934, 0.3148



49.2330, 0.2989, 0.3113



49.2330, 0.3082, 0.3124

Triad

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



49.2330, 0.2989, 0.3113



49.2330, 0.3330, 0.3352



49.2330, 0.3064, 0.3407

Complementary

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



49.2330, 0.2989, 0.3113



55.1195, 0.3265, 0.3461

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.



49.2330, 0.3170, 0.3463



49.2330, 0.2989, 0.3113



49.2330, 0.3324, 0.3429

Square

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



49.2330, 0.2989, 0.3113



49.2330, 0.3279, 0.3260



49.2330, 0.3265, 0.3471



49.2330, 0.2977, 0.3318

Rectangle

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



49.2330, 0.2989, 0.3113



49.2330, 0.3153, 0.3156



49.2330, 0.3265, 0.3471



49.2330, 0.3099, 0.3430

Sweetspot

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



49.2351, 0.2989, 0.3113



94.8461, 0.3082, 0.3232



55.2232, 0.3019, 0.3342



20.0124, 0.3069, 0.3217



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.



49.2351, 0.2989, 0.3113



81.9444, 0.2954, 0.3068



48.1580, 0.3028, 0.3064



10.6656, 0.2983, 0.3105



3.9420, 0.1570, 0.0851



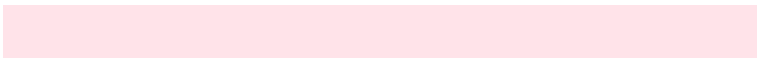
0.2987, 0.1682, 0.1255

Inverse Universe

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



49.2739, 0.3249, 0.3241



82.0665, 0.3282, 0.3228



56.3080, 0.3221, 0.3512



10.6751, 0.3255, 0.3239



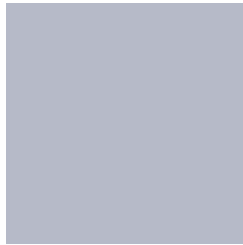
7.9379, 0.5989, 0.3073



0.3872, 0.5389, 0.2743

Previews

White Background



This preview shows how the Yxy color 49.2330, 0.2989, 0.3113 looks on a white background.

Color Contrast Check

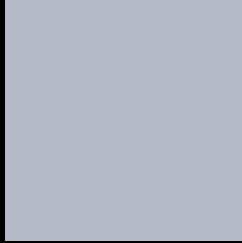
Large Text (above 18pt) WCAG AA × Fail

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 49.2330, 0.2989, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

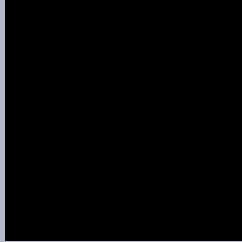
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

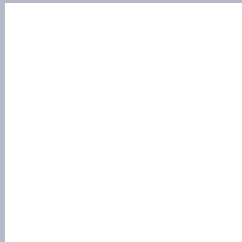
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2330, 0.2989, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 49.2330, 0.2989, 0.3113.

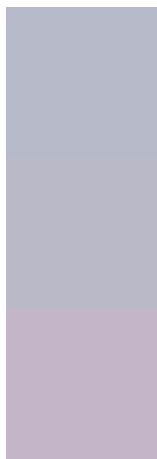


This preview shows how white text looks on a background with the Yxy color 49.2330, 0.2989, 0.3113.

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

49.2330, 0.2989, 0.3113

Protanopia

49.2605, 0.3029, 0.3114

Deuteranopia

49.1351, 0.3105, 0.3046



Tritanopia

49.2799, 0.2982, 0.3100

Trichromacy



Original Color

49.2330, 0.2989, 0.3113

Protanomaly

49.1357, 0.3021, 0.3114

Deuteranomaly

49.2905, 0.3063, 0.3068

Tritanomaly

49.2799, 0.2982, 0.3100

Monochromacy



Original Color

49.2330, 0.2989, 0.3113

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1937, 0.3081, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2330, 0.2989, 0.3113 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(182, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 200)  
}
```

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(182, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 49.2330, 0.2989, 0.3113 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(182, 186, 200) }
```

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

```
.border{ border-color:rgb(182, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2330, 0.2989, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 200) }
```

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

```
.background{ background-color: rgb(182,  
186, 200) }
```

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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