

Converting Colors

$Yxy(49.3135, 0.2945, 0.3023)$

Have a look what the booklet for
Yxy(49.3135, 0.2945, 0.3023)
contains.

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Color

Yxy(49.2702, 0.2946, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	B7B9CF
RGB	183, 185, 207
RGB Percent	72%, 73%, 81%
CMY	0.2823, 0.2745, 0.1882
CMYK	0.12, 0.11, 0.00, 0.19
HSL	235°, 20%, 76%
HSV	235°, 12%, 81%
XYZ	48.1426, 49.2702, 66.0041
YIQ	186.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

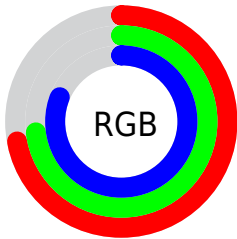
Format	Color
R_{YB}	183, 185, 207
Decimal	12040655
CIE Lab	75.62, 3.66, -11.30
CIE LCh	76, 11.878, 287.928
Yxy	49.2702, 0.2946, 0.3015
Android (android.graphics.Color)	4290230735 (0xFFB7B9CF)
YUV	186.9100, 9.9044, -3.4291
Hunter-Lab	70.1927, -0.4107, -6.6170

Details

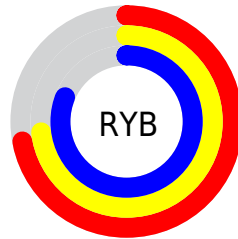
The Yxy color $49.2702, 0.2946, 0.3015$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.3568, 0.3301, 0.3551$, and the grayscale version is $49.5896, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4813, 0.3031, 0.3151$, and $23.5483, 0.2893, 0.2936$ is the 20% darker color. If you saturate the color by 10%, you get $39.4960, 0.2770, 0.2744$, and if you desaturate by 10%, it is $60.4830, 0.3104, 0.3255$.

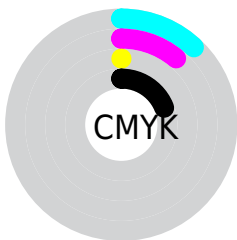
Distribution



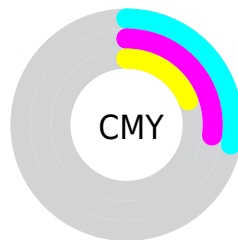
- Red (72%)
- Green (73%)
- Blue (81%)



- Red (72%)
- Yellow (73%)
- Blue (81%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2702, 0.2946, 0.3015 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 49.2702, 0.2946, 0.3015 by changing the saturation by 10% instead.

■ 49.2702, 0.2946,
0.3015

■ 49.2702, 0.2946,
0.3015

■ 383.8051, 0.3036,
0.3150

■ 34.8339, 0.2924,
0.2982

■ 89.0926, 0.2978,
0.3063

■ 23.5349, 0.2895,
0.2941

■ 115.2475, 0.2991,
0.3082

■ 14.9890, 0.2858,
0.2886

■ 146.0774, 0.3001,
0.3097

■ 8.8117, 0.2806,
0.2812

■ 181.9666, 0.3010,
0.3111

■ 4.6185, 0.2730,
0.2704

■ 223.2996, 0.3018,
0.3122

■ 2.0252, 0.2608,
0.2535

■ 270.4607, 0.3025,

■ 0.6221, 0.2377,

0.3133

0.2173

323.8344, 0.3031,
0.3142

0.0000, 0.0000,
0.0000

49.2702, 0.2946,
0.3015

49.2702, 0.2946,
0.3015

39.4960, 0.2770,
0.2744

60.4830, 0.3104,
0.3255

31.0961, 0.2578,
0.2445

73.1828, 0.3243,
0.3464

24.0107, 0.2374,
0.2123

87.4235, 0.3366,
0.3646

18.1732, 0.2168,
0.1789

97.2850, 0.3412,
0.3760

13.5110, 0.1969,
0.1462

■ 9.9440, 0.1793,
0.1164

■ 7.3820, 0.1653,
0.0918

■ 5.7206, 0.1559,
0.0740

■ 4.9093, 0.1514,
0.0648

Harmonies

Analogous

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



49.2702, 0.2844, 0.3049



49.2702, 0.2946, 0.3015



49.2702, 0.3099, 0.3051

Triad

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



49.2702, 0.2946, 0.3015



49.2702, 0.3449, 0.3418



49.2702, 0.2989, 0.3440

Complementary

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



49.2702, 0.2946, 0.3015



60.3568, 0.3301, 0.3551

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.



49.2702, 0.3149, 0.3545



49.2702, 0.2946, 0.3015



49.2702, 0.3417, 0.3528

Square

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



49.2702, 0.2946, 0.3015



49.2702, 0.3392, 0.3279



49.2702, 0.3306, 0.3577



49.2702, 0.2868, 0.3292

Rectangle

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



49.2702, 0.2946, 0.3015



49.2702, 0.3210, 0.3110



49.2702, 0.3306, 0.3577



49.2702, 0.3040, 0.3482

Sweetspot

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



49.2723, 0.2946, 0.3015



94.1818, 0.3082, 0.3222



59.1035, 0.2964, 0.3314



19.8339, 0.3070, 0.3203



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.



49.2723, 0.2946, 0.3015



74.7025, 0.2902, 0.2948



49.7180, 0.3026, 0.2997



11.5725, 0.2982, 0.3070



3.1500, 0.1516, 0.0659



0.2319, 0.1566, 0.0838

Inverse Universe

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



50.6425, 0.3317, 0.3267



77.3671, 0.3367, 0.3261



59.9172, 0.3220, 0.3581



11.8239, 0.3278, 0.3271



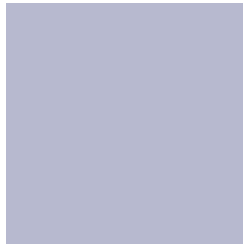
8.3893, 0.6301, 0.3245



0.4747, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 49.2702, 0.2946, 0.3015 looks on a white background.

Color Contrast Check

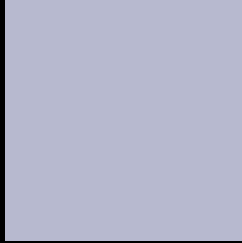
Large Text (above 18pt) WCAG AA × Fail

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 49.2702, 0.2946, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

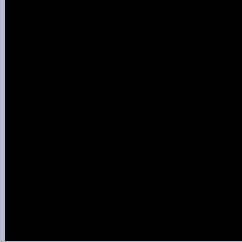
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2702, 0.2946, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 49.2702, 0.2946, 0.3015.



This preview shows how white text looks on a background with the Yxy color 49.2702, 0.2946, 0.3015.

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

49.2702, 0.2946, 0.3015

Protanopia

49.2702, 0.2946, 0.3015

Deuteranopia

49.0711, 0.3026, 0.2961



Tritanopia

49.2799, 0.2982, 0.3100

Trichromacy



Original Color

49.2702, 0.2946, 0.3015

Protanomaly

49.2702, 0.2946, 0.3015

Deuteranomaly

48.9571, 0.2994, 0.2970

Tritanomaly

49.3747, 0.2967, 0.3076

Monochromacy



Original Color

49.2702, 0.2946, 0.3015

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4520, 0.3066, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2702, 0.2946, 0.3015 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(183, 185, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 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(183, 185, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 207) }
```

Border

The CSS property to change the border of an element to Yxy 49.2702, 0.2946, 0.3015 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(183, 185, 207) }
```

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

```
.border{ border-color:rgb(183, 185, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 185, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 185, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 185, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 185,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2702, 0.2946, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 185, 207) }
```

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

```
.background{ background-color: rgb(183,  
185, 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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