

Converting Colors

$Yxy(49.2630, 0.2928, 0.3020)$

Have a look what the booklet for
Yxy(49.2630, 0.2928, 0.3020)
contains.

Yxy(49.4466, 0.2931, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.4466, 0.2931, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	B5BACF
RGB	181, 186, 207
RGB Percent	71%, 73%, 81%
CMY	0.2901, 0.2706, 0.1884
CMYK	0.13, 0.10, 0.00, 0.19
HSL	228°, 21%, 76%
HSV	228°, 13%, 81%
XYZ	47.8784, 49.4466, 66.0268
YIQ	186.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

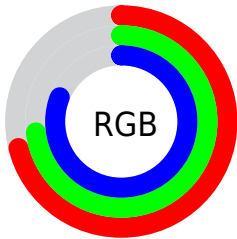
Format	Color
R _Y B	181, 185, 207
Decimal	11909839
CIE Lab	75.73, 2.46, -11.13
CIE LCh	76, 11.400, 282.437
Yxy	49.4466, 0.2931, 0.3027
Android (android.graphics.Color)	4290099919 (0xFFB5BACF)
YUV	186.8990, 9.9098, -5.1734
Hunter-Lab	70.3183, -1.5196, -6.4488

Details

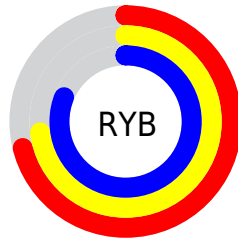
The Yxy color `49.4466, 0.2931, 0.3027` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.8338, 0.3320, 0.3540`, and the grayscale version is `49.5837, 0.3127, 0.3290`.

A 20% lighter version of the original color is `88.7288, 0.3018, 0.3161`, and `23.6642, 0.2873, 0.2951` is the 20% darker color. If you saturate the color by 10%, you get `40.4885, 0.2758, 0.2787`, and if you desaturate by 10%, it is `59.6057, 0.3089, 0.3240`.

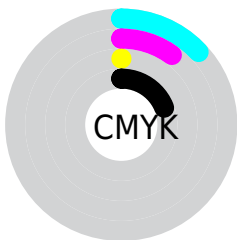
Distribution



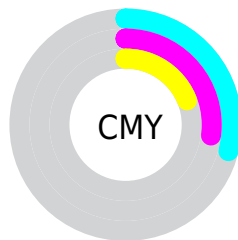
- Red (71%)
- Green (73%)
- Blue (81%)



- Red (71%)
- Yellow (73%)
- Blue (81%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4466, 0.2931, 0.3027 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 49.4466, 0.2931, 0.3027 by changing the saturation by 10% instead.

■ 49.4466, 0.2931,
0.3027

■ 49.4466, 0.2931,
0.3027

384.4978, 0.3028,
0.3156

■ 34.9739, 0.2907,
0.2996

■ 89.3544, 0.2966,
0.3073

■ 23.6428, 0.2877,
0.2956

115.5583, 0.2979,
0.3091

■ 15.0688, 0.2836,
0.2903

146.4413, 0.2990,
0.3106

■ 8.8677, 0.2781,
0.2831

182.3879, 0.3000,
0.3119

■ 4.6550, 0.2700,
0.2727

223.7825, 0.3008,
0.3130

■ 2.0463, 0.2570,
0.2564

271.0094, 0.3016,

■ 0.6342, 0.2318,

0.3140

0.2218

324.4530, 0.3022,
0.3148

0.0000, 0.0000,
0.0000

49.4466, 0.2931,
0.3027

49.4466, 0.2931,
0.3027

40.4885, 0.2758,
0.2787

59.6057, 0.3089,
0.3240

32.6805, 0.2572,
0.2522

71.0018, 0.3233,
0.3428

25.9772, 0.2379,
0.2236

83.6773, 0.3361,
0.3591

20.3277, 0.2184,
0.1936

95.9602, 0.3415,
0.3742

15.6771, 0.1998,
0.1636

97.2831, 0.3412,
0.3761

■ 11.9652, 0.1831,
0.1350

■ 9.1251, 0.1695,
0.1096

■ 7.0800, 0.1598,
0.0891

■ 5.9989, 0.1548,
0.0774

Harmonies

Analogous

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



49.4466, 0.2845, 0.3072



49.4466, 0.2931, 0.3027



49.4466, 0.3071, 0.3050

Triad

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



49.4466, 0.2931, 0.3027



49.4466, 0.3432, 0.3390



49.4466, 0.3021, 0.3456

Complementary

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



49.4466, 0.2931, 0.3027



58.8338, 0.3320, 0.3540

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.



49.4466, 0.3177, 0.3546



49.4466, 0.2931, 0.3027



49.4466, 0.3417, 0.3503

Square

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



49.4466, 0.2931, 0.3027



49.4466, 0.3363, 0.3255



49.4466, 0.3323, 0.3562



49.4466, 0.2896, 0.3319

Rectangle

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



49.4466, 0.2931, 0.3027



49.4466, 0.3177, 0.3099



49.4466, 0.3323, 0.3562



49.4466, 0.3072, 0.3493

Sweetspot

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



49.4487, 0.2931, 0.3027



92.9685, 0.3066, 0.3210



58.6880, 0.2971, 0.3353



19.6238, 0.3055, 0.3194



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.



49.4487, 0.2931, 0.3027



75.2892, 0.2886, 0.2966



48.3573, 0.2992, 0.2969



11.7793, 0.2982, 0.3096



3.8857, 0.1554, 0.0792



0.3285, 0.1645, 0.1122

Inverse Universe

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



49.8649, 0.3311, 0.3230



76.1432, 0.3357, 0.3217



60.1115, 0.3252, 0.3603



11.8448, 0.3261, 0.3246



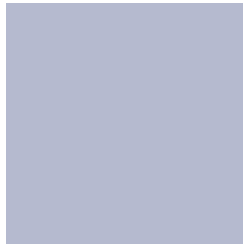
8.4635, 0.6082, 0.3124



0.4845, 0.5578, 0.2847

Previews

White Background



This preview shows how the Yxy color 49.4466, 0.2931, 0.3027 looks on a white background.

Color Contrast Check

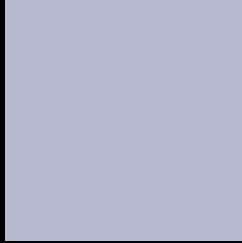
Large Text (above 18pt) WCAG AA × Fail

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 49.4466, 0.2931, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

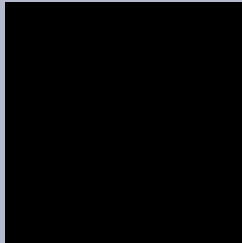
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4466, 0.2931, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 49.4466, 0.2931, 0.3027.

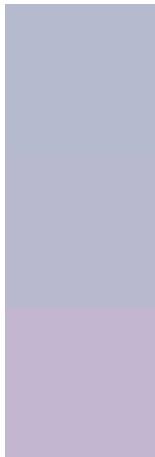


This preview shows how white text looks on a background with the Yxy color 49.4466, 0.2931, 0.3027.

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

49.4466, 0.2931, 0.3027

Protanopia

49.3445, 0.2961, 0.3028

Deuteranopia

49.6121, 0.3034, 0.2974



Tritanopia

49.5082, 0.2959, 0.3100

Trichromacy



Original Color

49.4466, 0.2931, 0.3027

Protanomaly

49.2214, 0.2953, 0.3027

Deuteranomaly

49.3682, 0.2994, 0.2983

Tritanomaly

49.6036, 0.2944, 0.3075

Monochromacy



Original Color

49.4466, 0.2931, 0.3027

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7500, 0.3058, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4466, 0.2931, 0.3027 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(181, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 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(181, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 207) }
```

Border

The CSS property to change the border of an element to Yxy 49.4466, 0.2931, 0.3027 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(181, 186, 207) }
```

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

```
.border{ border-color:rgb(181, 186, 207) }
```

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

Here you see how a box with a 4 pixel rgb(181, 186, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(181, 186,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4466, 0.2931, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 186, 207) }
```

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

```
.background{ background-color: rgb(181,  
186, 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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