

Converting Colors

$Yxy(46.5477, 0.3110, 0.3132)$

Have a look what the booklet for
Yxy(46.5477, 0.3110, 0.3132)
contains.

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Color

Yxy(46.6932, 0.3109, 0.3138)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BCB3BF |
| RGB | 188, 179, 191 |
| RGB Percent | 74%, 70%, 75% |
| CMY | 0.2627, 0.2980, 0.2511 |
| CMYK | 0.02, 0.06, 0.00, 0.25 |
| HSL | 285°, 9%, 73% |
| HSV | 285°, 6%, 75% |
| XYZ | 46.2617, 46.6932, 55.8444 |
| YIQ | 183.0590, 1.5120, 5.6400 |

Conversions

Conversions Part 2

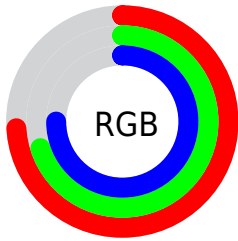
| Format | Color |
|-------------------------------------|--|
| RYB | 188, 179, 191 |
| Decimal | 12366783 |
| CIELab | 73.99, 5.41, -4.93 |
| CIELCh | 74, 7.317, 317.623 |
| Yxy | 46.6932, 0.3109, 0.3138 |
| Android (android.graphics.Color) | 4290556863 (0xFFBCB3BF) |
| YUV | 183.0590, 3.9149, 4.3333 |
| Hunter-Lab | 68.3324, 1.2644, -0.6218 |

Details

The Yxy color $46.6932, 0.3109, 0.3138$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.4421, 0.3144, 0.3444$, and the grayscale version is $47.3662, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.3652, 0.3113, 0.3171$, and $21.9076, 0.3102, 0.3083$ is the 20% darker color. If you saturate the color by 10%, you get $38.9732, 0.3075, 0.2884$, and if you desaturate by 10%, it is $55.4969, 0.3137, 0.3378$.

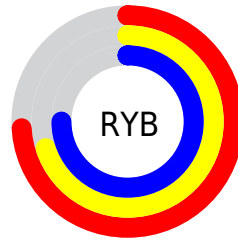
Distribution



Red (74%)

Green (70%)

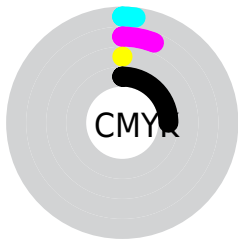
Blue (75%)



Red (74%)

Yellow (70%)

Blue (75%)

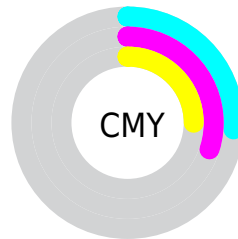


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6932, 0.3109, 0.3138 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 46.6932, 0.3109, 0.3138 by changing the saturation by 10% instead.


 46.6932, 0.3109,
0.3138

 46.6932, 0.3109,
0.3138

373.5886, 0.3118,
0.3213

 32.7932, 0.3107,
0.3119


 85.2555, 0.3113,
0.3165

 21.9681, 0.3103,
0.3096


110.6865, 0.3114,
0.3175

 13.8334, 0.3099,
0.3064


140.7301, 0.3115,
0.3184

 8.0049, 0.3093,
0.3021

175.7705, 0.3116,
0.3192

 4.0981, 0.3083,
0.2957

216.1921, 0.3117,
0.3198

 1.7286, 0.3066,
0.2852

262.3794, 0.3117,

 0.4421, 0.3033,

0.3204

0.2429

314.7168, 0.3118,
0.3209

0.0000, 0.0000,
0.0000

46.6932, 0.3109,
0.3138

46.6932, 0.3109,
0.3138

38.9732, 0.3075,
0.2884

55.4969, 0.3137,
0.3378

32.2873, 0.3035,
0.2621

65.4193, 0.3160,
0.3600

26.5912, 0.2987,
0.2354

76.5012, 0.3177,
0.3805

21.8348, 0.2934,
0.2093

88.5292, 0.3192,
0.3988

17.9636, 0.2875,
0.1849

89.2187, 0.3222,
0.3981

■ 14.9173, 0.2811,
0.1632

■ 89.9286, 0.3252,
0.3975

■ 12.6283, 0.2745,
0.1452

■ 90.6593, 0.3282,
0.3968

■ 11.0177, 0.2678,
0.1317

■ 91.4107, 0.3313,
0.3962

■ 9.9837, 0.2613,
0.1228

■ 92.1831, 0.3344,
0.3955

Harmonies

Analogous

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



46.6932, 0.3013, 0.3116



46.6932, 0.3109, 0.3138



46.6932, 0.3212, 0.3199

Triad

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



46.6932, 0.3109, 0.3138



46.6932, 0.3309, 0.3440



46.6932, 0.2965, 0.3294

Complementary

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



46.6932, 0.3109, 0.3138



50.4421, 0.3144, 0.3444

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.



46.6932, 0.3042, 0.3384



46.6932, 0.3109, 0.3138



46.6932, 0.3241, 0.3469

Square

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



46.6932, 0.3109, 0.3138



46.6932, 0.3328, 0.3371



46.6932, 0.3143, 0.3449



46.6932, 0.2930, 0.3204

Rectangle

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



46.6932, 0.3109, 0.3138



46.6932, 0.3269, 0.3254



46.6932, 0.3143, 0.3449



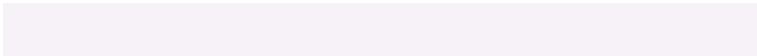
46.6932, 0.2986, 0.3325

Sweetspot

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



46.6952, 0.3109, 0.3138



90.0974, 0.3122, 0.3241



46.7986, 0.3033, 0.3174



19.8194, 0.3122, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.6952, 0.3109, 0.3138



80.9419, 0.3103, 0.3092



46.9442, 0.3158, 0.3177



9.5743, 0.3099, 0.3061



6.3961, 0.2598, 0.1205



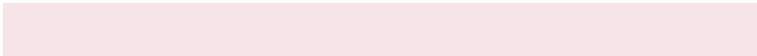
0.2794, 0.2752, 0.1289

Inverse Universe

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



46.6902, 0.3207, 0.3253



80.9359, 0.3233, 0.3241



50.2084, 0.3097, 0.3406



9.5740, 0.3250, 0.3234



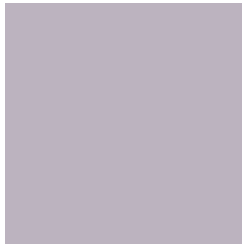
7.4262, 0.5911, 0.3030



0.3017, 0.5214, 0.2646

Previews

White Background



This preview shows how the Yxy color 46.6932, 0.3109, 0.3138 looks on a white background.

Color Contrast Check

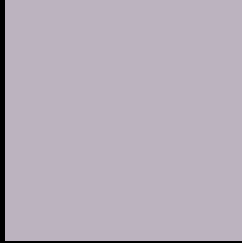
Large Text (above 18pt) WCAG AA × Fail

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 46.6932, 0.3109, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

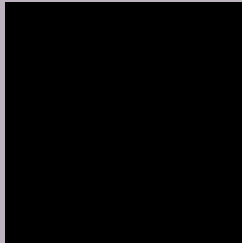
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

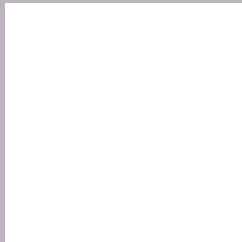
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6932, 0.3109, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 46.6932, 0.3109, 0.3138.

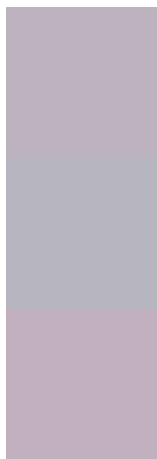


This preview shows how white text looks on a background with the Yxy color 46.6932, 0.3109, 0.3138.

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

46.6932, 0.3109, 0.3138

Protanopia

46.7986, 0.3050, 0.3148

Deuteranopia

46.4144, 0.3171, 0.3103



Tritanopia

46.7818, 0.3093, 0.3113

Trichromacy



Original Color

46.6932, 0.3109, 0.3138

Protanomaly

46.6386, 0.3067, 0.3136

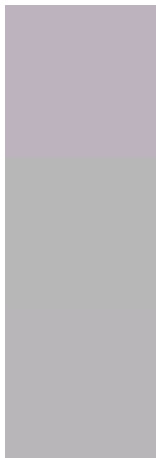
Deuteranomaly

46.4123, 0.3144, 0.3114

Tritanomaly

46.7373, 0.3101, 0.3125

Monochromacy



Original Color

46.6932, 0.3109, 0.3138

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3154, 0.3121, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6932, 0.3109, 0.3138 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(188, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 179, 191)  
}
```

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(188, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 179, 191) }
```

Border

The CSS property to change the border of an element to Yxy 46.6932, 0.3109, 0.3138 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(188, 179, 191) }
```

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

```
.border{ border-color:rgb(188, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 179,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6932, 0.3109, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 179, 191) }
```

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

```
.background{ background-color: rgb(188,  
179, 191) }
```

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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