

Converting Colors

$Yxy(46.4348, 0.3090, 0.3092)$

Have a look what the booklet for
Yxy(46.4348, 0.3090, 0.3092)
contains.

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Color

Yxy(46.4272, 0.3085, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	BCB2C2
RGB	188, 178, 194
RGB Percent	74%, 70%, 76%
CMY	0.2628, 0.3019, 0.2391
CMYK	0.03, 0.08, 0.00, 0.24
HSL	277°, 12%, 73%
HSV	277°, 8%, 76%
XYZ	46.3971, 46.4272, 57.5715
YIQ	182.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

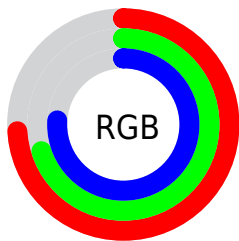
Format	Color
RYB	188, 178, 194
Decimal	12366530
CIELab	73.82, 6.53, -6.86
CIElCh	74, 9.469, 313.571
Yxy	46.4272, 0.3085, 0.3087
Android (android.graphics.Color)	4290556610 (0xFFBCB2C2)
YUV	182.8140, 5.5147, 4.5481
Hunter-Lab	68.1375, 2.3060, -2.3997

Details

The Yxy color $46.4272, 0.3085, 0.3087$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0074, 0.3166, 0.3495$, and the grayscale version is $47.2165, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9809, 0.3095, 0.3131$, and $21.7116, 0.3080, 0.3032$ is the 20% darker color. If you saturate the color by 10%, you get $38.3404, 0.3025, 0.2826$, and if you desaturate by 10%, it is $55.6572, 0.3135, 0.3331$.

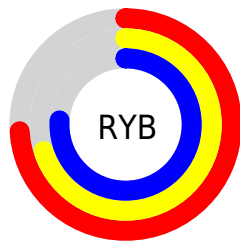
Distribution



Red (74%)

Green (70%)

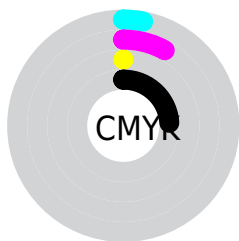
Blue (76%)



Red (74%)

Yellow (70%)

Blue (76%)

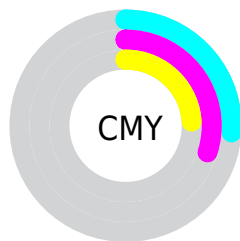


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4272, 0.3085, 0.3087 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 46.4272, 0.3085, 0.3087 by changing the saturation by 10% instead.

■ 46.4272, 0.3085,
0.3087

■ 46.4272, 0.3085,
0.3087

372.5235, 0.3107,
0.3187

■ 32.5831, 0.3079,
0.3062

■ 84.8580, 0.3093,
0.3123

■ 21.8072, 0.3072,
0.3031

110.2134, 0.3096,
0.3137

■ 13.7153, 0.3062,
0.2989

140.1747, 0.3098,
0.3148

■ 7.9229, 0.3048,
0.2932

175.1263, 0.3101,
0.3158

■ 4.0457, 0.3027,
0.2847

215.4526, 0.3102,
0.3167

■ 1.6991, 0.2990,
0.2711

261.5380, 0.3104,

■ 0.4231, 0.2917,

0.3175

0.2198

313.7668, 0.3105,
0.3181

0.0000, 0.0000,
0.0000

46.4272, 0.3085,
0.3087

46.4272, 0.3085,
0.3087

38.3404, 0.3025,
0.2826

55.6572, 0.3135,
0.3331

31.3445, 0.2956,
0.2551

66.0680, 0.3177,
0.3556

25.3919, 0.2877,
0.2271

77.7028, 0.3212,
0.3761

20.4294, 0.2788,
0.1993

90.2064, 0.3240,
0.3940

16.3985, 0.2692,
0.1730

91.3541, 0.3288,
0.3930

■ 13.2348, 0.2592,
0.1494

■ 92.5522, 0.3336,
0.3921

■ 10.8652, 0.2490,
0.1297

■ 93.8013, 0.3384,
0.3911

■ 9.2041, 0.2390,
0.1148

■ 95.1019, 0.3433,
0.3901

■ 8.1182, 0.2296,
0.1046

■ 96.4546, 0.3482,
0.3891

Harmonies

Analogous

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



46.4272, 0.2965, 0.3066



46.4272, 0.3085, 0.3087



46.4272, 0.3219, 0.3159

Triad

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



46.4272, 0.3085, 0.3087



46.4272, 0.3371, 0.3474



46.4272, 0.2927, 0.3311

Complementary

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



46.4272, 0.3085, 0.3087



52.0074, 0.3166, 0.3495

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.



46.4272, 0.3033, 0.3426



46.4272, 0.3085, 0.3087



46.4272, 0.3289, 0.3521

Square

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



46.4272, 0.3085, 0.3087



46.4272, 0.3386, 0.3380



46.4272, 0.3165, 0.3504



46.4272, 0.2875, 0.3192

Rectangle

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



46.4272, 0.3085, 0.3087



46.4272, 0.3298, 0.3228



46.4272, 0.3165, 0.3504



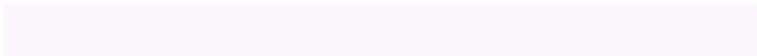
46.4272, 0.2958, 0.3351

Sweetspot

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



46.4292, 0.3085, 0.3087



94.2490, 0.3117, 0.3241



47.7045, 0.3001, 0.3162



20.6766, 0.3118, 0.3244



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.



46.4292, 0.3085, 0.3087



81.1498, 0.3074, 0.3039



47.1291, 0.3152, 0.3113



10.0517, 0.3079, 0.3059



5.2748, 0.2292, 0.1036



0.2663, 0.2498, 0.1150

Inverse Universe

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



46.7789, 0.3218, 0.3214



81.9282, 0.3241, 0.3196



51.3525, 0.3104, 0.3473



10.1393, 0.3231, 0.3203



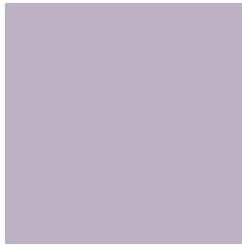
7.8731, 0.5445, 0.2773



0.3536, 0.4836, 0.2438

Previews

White Background



This preview shows how the Yxy color 46.4272, 0.3085, 0.3087 looks on a white background.

Color Contrast Check

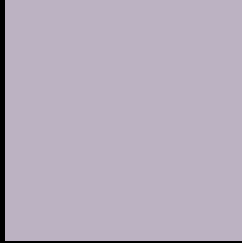
Large Text (above 18pt) WCAG AA × Fail

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 46.4272, 0.3085, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

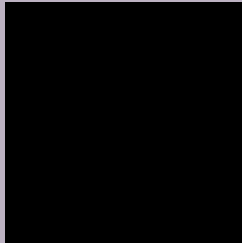
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

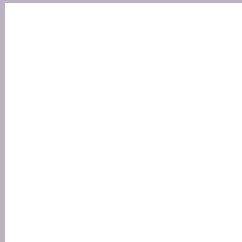
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4272, 0.3085, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 46.4272, 0.3085, 0.3087.



This preview shows how white text looks on a background with the Yxy color 46.4272, 0.3085, 0.3087.

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

46.4272, 0.3085, 0.3087

Protanopia

46.4064, 0.3018, 0.3097

Deuteranopia

46.2832, 0.3129, 0.3065



Tritanopia

46.3379, 0.3101, 0.3112

Trichromacy



Original Color

46.4272, 0.3085, 0.3087

Protanomaly

46.3707, 0.3044, 0.3086

Deuteranomaly

46.4157, 0.3111, 0.3076

Tritanomaly

46.3824, 0.3093, 0.3100

Monochromacy



Original Color

46.4272, 0.3085, 0.3087

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9499, 0.3114, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4272, 0.3085, 0.3087 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, 178, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 194)  
}
```

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, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.4272, 0.3085, 0.3087 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, 178, 194) }
```

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

```
.border{ border-color:rgb(188, 178, 194) }
```

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

Here you see how a box with a 4 pixel rgb(188, 178, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4272, 0.3085, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 194) }
```

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

```
.background{ background-color: rgb(188,  
178, 194) }
```

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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