

Converting Colors

$Yxy(46.7039, 0.3103, 0.3206)$

Have a look what the booklet for
Yxy(46.7039, 0.3103, 0.3206)
contains.

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Color

Yxy(46.8260, 0.3105, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	B8B5BB
RGB	184, 181, 187
RGB Percent	72%, 71%, 73%
CMY	0.2786, 0.2901, 0.2667
CMYK	0.02, 0.03, 0.00, 0.27
HSL	270°, 4%, 72%
HSV	270°, 3%, 73%
XYZ	45.2520, 46.8260, 53.6612
YIQ	182.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

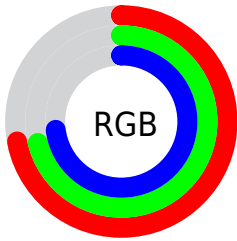
Format	Color
RYB	184, 181, 187
Decimal	12105147
CIELab	74.08, 2.16, -2.67
CIELCh	74, 3.432, 308.906
Yxy	46.8260, 0.3105, 0.3213
Android (android.graphics.Color)	4290295227 (0xFFB8B5BB)
YUV	182.5810, 2.1786, 1.2445
Hunter-Lab	68.4295, -1.7107, 1.4065

Details

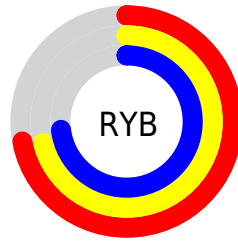
The Yxy color **46.8260, 0.3105, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0706, 0.3149, 0.3367**, and the grayscale version is **47.0983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5647, 0.3110, 0.3230**, and **21.9849, 0.3097, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **38.5925, 0.3028, 0.2958**, and if you desaturate by 10%, it is **56.1630, 0.3171, 0.3447**.

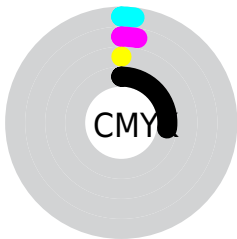
Distribution



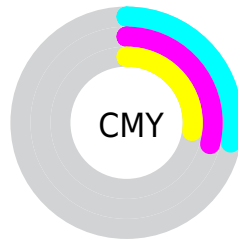
- Red (72%)
- Green (71%)
- Blue (73%)



- Red (72%)
- Yellow (71%)
- Blue (73%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (28%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8260, 0.3105, 0.3213 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 46.8260, 0.3105, 0.3213 by changing the saturation by 10% instead.


 46.8260, 0.3105,
0.3213

 46.8260, 0.3105,
0.3213


374.1196, 0.3116,
0.3251

 32.8981, 0.3102,
0.3203


 85.4538, 0.3109,
0.3227

 22.0484, 0.3099,
0.3191


110.9226, 0.3111,
0.3232

 13.8925, 0.3094,
0.3175

141.0071, 0.3112,
0.3237

 8.0459, 0.3087,
0.3152

176.0917, 0.3113,
0.3240

 4.1243, 0.3077,
0.3119

216.5609, 0.3114,
0.3244

 1.7434, 0.3059,
0.3063

262.7990, 0.3115,

 0.4515, 0.2989,

0.3247

0.2802

315.1904, 0.3116,
0.3249

0.0000, 0.0000,
0.0000

46.8260, 0.3105,
0.3213

46.8260, 0.3105,
0.3213

38.5925, 0.3028,
0.2958

56.1630, 0.3171,
0.3447

31.4145, 0.2938,
0.2683

66.6369, 0.3226,
0.3658

25.2493, 0.2835,
0.2394

78.2875, 0.3272,
0.3848

20.0492, 0.2720,
0.2098

90.6292, 0.3311,
0.4010

15.7623, 0.2595,
0.1806

92.1711, 0.3374,
0.3995

■ 12.3317, 0.2464,
0.1532

■ 93.7988, 0.3437,
0.3981

■ 9.6940, 0.2330,
0.1290

■ 95.5137, 0.3501,
0.3966

■ 7.7762, 0.2201,
0.1094

■ 96.3675, 0.3532,
0.3959

■ 6.4915, 0.2082,
0.0952

Harmonies

Analogous

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



46.8260, 0.3063, 0.3209



46.8260, 0.3105, 0.3213



46.8260, 0.3154, 0.3237

Triad

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



46.8260, 0.3105, 0.3213



46.8260, 0.3217, 0.3353



46.8260, 0.3060, 0.3305

Complementary

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



46.8260, 0.3105, 0.3213



49.0706, 0.3149, 0.3367

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.



46.8260, 0.3101, 0.3344



46.8260, 0.3105, 0.3213



46.8260, 0.3192, 0.3372

Square

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



46.8260, 0.3105, 0.3213



46.8260, 0.3219, 0.3317



46.8260, 0.3149, 0.3369



46.8260, 0.3037, 0.3262

Rectangle

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



46.8260, 0.3105, 0.3213



46.8260, 0.3183, 0.3261



46.8260, 0.3149, 0.3369



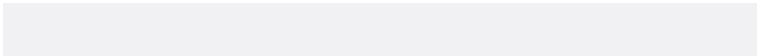
46.8260, 0.3072, 0.3319

Sweetspot

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



46.8280, 0.3105, 0.3213



87.3487, 0.3120, 0.3266



47.7379, 0.3079, 0.3253



19.2540, 0.3121, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.8280, 0.3105, 0.3213



82.5159, 0.3099, 0.3192



47.1940, 0.3130, 0.3214



10.3379, 0.3094, 0.3176



4.0831, 0.2019, 0.0886



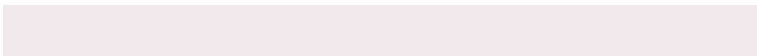
0.1989, 0.2288, 0.1034

Inverse Universe

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



47.0820, 0.3154, 0.3251



83.0932, 0.3162, 0.3240



48.7118, 0.3124, 0.3367



10.4219, 0.3167, 0.3233



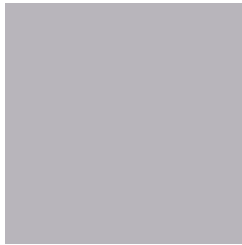
7.8630, 0.4901, 0.2474



0.3212, 0.4391, 0.2192

Previews

White Background



This preview shows how the Yxy color 46.8260, 0.3105, 0.3213 looks on a white background.

Color Contrast Check

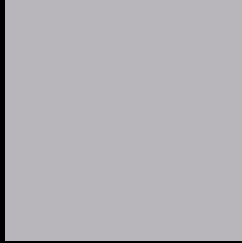
Large Text (above 18pt) WCAG AA × Fail

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 46.8260, 0.3105, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

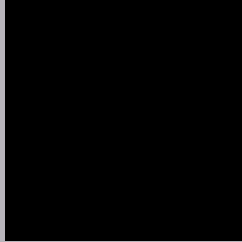
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

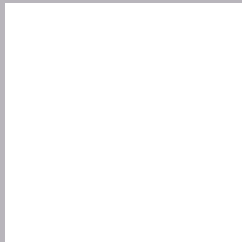
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8260, 0.3105, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 46.8260, 0.3105, 0.3213.



This preview shows how white text looks on a background with the Yxy color 46.8260, 0.3105, 0.3213.

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

46.8260, 0.3105, 0.3213

Protanopia

46.8260, 0.3105, 0.3213

Deuteranopia

46.9454, 0.3212, 0.3153



Tritanopia

46.8518, 0.3059, 0.3112

Trichromacy



Original Color

46.8260, 0.3105, 0.3213

Protanomaly

46.8260, 0.3105, 0.3213

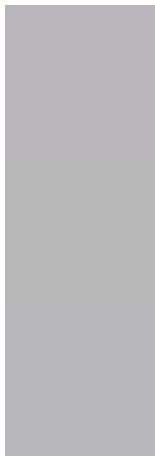
Deuteranomaly

46.6781, 0.3168, 0.3164

Tritanomaly

46.7184, 0.3083, 0.3149

Monochromacy



Original Color

46.8260, 0.3105, 0.3213

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9839, 0.3120, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8260, 0.3105, 0.3213 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(184, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 187)  
}
```

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(184, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 46.8260, 0.3105, 0.3213 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(184, 181, 187) }
```

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

```
.border{ border-color:rgb(184, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8260, 0.3105, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 187) }
```

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

```
.background{ background-color: rgb(184,  
181, 187) }
```

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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