

Converting Colors

$Yxy(46.8269, 0.3083, 0.3238)$

Have a look what the booklet for
Yxy(46.8269, 0.3083, 0.3238)
contains.

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Color

Yxy(46.8248, 0.3087, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6BA
RGB	181, 182, 186
RGB Percent	71%, 71%, 73%
CMY	0.2903, 0.2862, 0.2706
CMYK	0.03, 0.02, 0.00, 0.27
HSL	228°, 4%, 72%
HSV	228°, 3%, 73%
XYZ	44.6412, 46.8248, 53.1443
YIQ	182.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

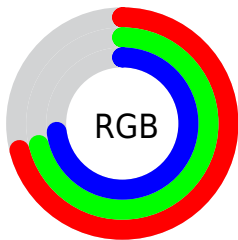
Format	Color
R _Y B	181, 182, 186
Decimal	11908794
CIE Lab	74.08, 0.39, -2.16
CIE LCh	74, 2.199, 280.323
Yxy	46.8248, 0.3087, 0.3238
Android (android.graphics.Color)	4290098874 (0xFFB5B6BA)
YUV	182.1570, 1.8946, -1.0147
Hunter-Lab	68.4286, -3.3011, 1.8532

Details

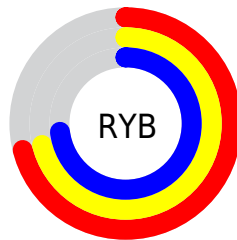
The Yxy color **46.8248, 0.3087, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4560, 0.3167, 0.3341**, and the grayscale version is **46.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5644, 0.3096, 0.3250**, and **21.9832, 0.3073, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **39.0069, 0.2930, 0.3030**, and if you desaturate by 10%, it is **55.5815, 0.3230, 0.3421**.

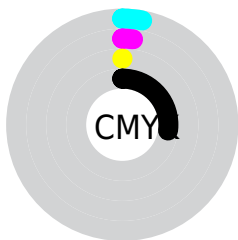
Distribution



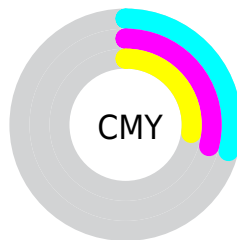
- Red (71%)
- Green (71%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8248, 0.3087, 0.3238 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 46.8248, 0.3087, 0.3238 by changing the saturation by 10% instead.

■ 46.8248, 0.3087,
0.3238

■ 46.8248, 0.3087,
0.3238

374.1148, 0.3107,
0.3264

■ 32.8972, 0.3082,
0.3231

■ 85.4520, 0.3094,
0.3247

■ 22.0477, 0.3076,
0.3223

110.9205, 0.3097,
0.3251

■ 13.8919, 0.3067,
0.3212

141.0046, 0.3099,
0.3254

■ 8.0455, 0.3055,
0.3197

176.0888, 0.3101,
0.3257

■ 4.1241, 0.3037,
0.3173

216.5576, 0.3103,
0.3259

■ 1.7432, 0.3007,
0.3135

262.7952, 0.3105,

■ 0.4514, 0.2862,

0.3261

0.2945

315.1861, 0.3106,
0.3263

0.0000, 0.0000,
0.0000

46.8248, 0.3087,
0.3238

46.8248, 0.3087,
0.3238

39.0069, 0.2930,
0.3030

55.5815, 0.3230,
0.3421

32.0906, 0.2758,
0.2797

65.3009, 0.3358,
0.3581

26.0446, 0.2575,
0.2540

76.0134, 0.3472,
0.3719

20.8339, 0.2385,
0.2261

87.6765, 0.3572,
0.3840

16.4208, 0.2193,
0.1970

96.3256, 0.3538,
0.3969

■ 12.7648, 0.2010,
0.1675

■ 9.8216, 0.1845,
0.1393

■ 7.5420, 0.1709,
0.1140

■ 5.8697, 0.1610,
0.0930

Harmonies

Analogous

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



46.8248, 0.3070, 0.3249



46.8248, 0.3087, 0.3238



46.8248, 0.3115, 0.3241

Triad

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



46.8248, 0.3087, 0.3238



46.8248, 0.3186, 0.3309



46.8248, 0.3109, 0.3324

Complementary

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



46.8248, 0.3087, 0.3238



48.4560, 0.3167, 0.3341

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.



46.8248, 0.3140, 0.3340



46.8248, 0.3087, 0.3238



46.8248, 0.3184, 0.3331

Square

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



46.8248, 0.3087, 0.3238



46.8248, 0.3172, 0.3282



46.8248, 0.3168, 0.3343



46.8248, 0.3083, 0.3298

Rectangle

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



46.8248, 0.3087, 0.3238



46.8248, 0.3135, 0.3250



46.8248, 0.3168, 0.3343



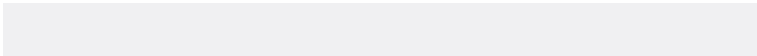
46.8248, 0.3119, 0.3330

Sweetspot

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



46.8268, 0.3087, 0.3238



87.4366, 0.3112, 0.3271



48.4406, 0.3094, 0.3304



19.2724, 0.3113, 0.3272



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.



46.8268, 0.3087, 0.3238



84.3614, 0.3082, 0.3231



46.5719, 0.3100, 0.3225



9.9770, 0.3072, 0.3218



3.4383, 0.1564, 0.0828



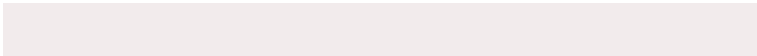
0.2108, 0.1697, 0.1307

Inverse Universe

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



46.8515, 0.3162, 0.3277



84.4131, 0.3167, 0.3275



48.7187, 0.3154, 0.3355



9.9850, 0.3176, 0.3271



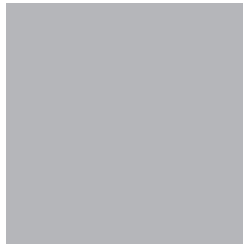
7.1294, 0.6024, 0.3092



0.2604, 0.5316, 0.2702

Previews

White Background



This preview shows how the Yxy color 46.8248, 0.3087, 0.3238 looks on a white background.

Color Contrast Check

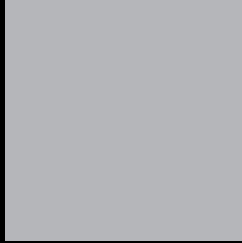
Large Text (above 18pt) WCAG AA × Fail

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 46.8248, 0.3087, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

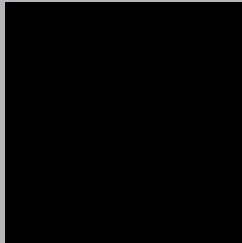
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

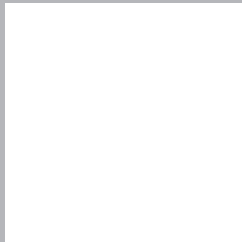
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8248, 0.3087, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 46.8248, 0.3087, 0.3238.

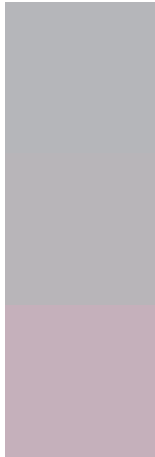


This preview shows how white text looks on a background with the Yxy color 46.8248, 0.3087, 0.3238.

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

46.8248, 0.3087, 0.3238

Protanopia

46.7409, 0.3121, 0.3238

Deuteranopia

46.5088, 0.3221, 0.3153



Tritanopia

46.9330, 0.3027, 0.3111

Trichromacy



Original Color

46.8248, 0.3087, 0.3238

Protanomaly

46.6178, 0.3113, 0.3238

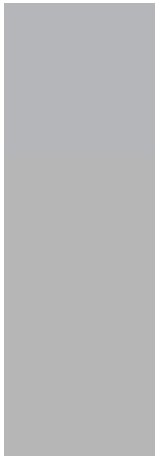
Deuteranomaly

46.5050, 0.3167, 0.3176

Tritanomaly

46.7986, 0.3050, 0.3148

Monochromacy



Original Color

46.8248, 0.3087, 0.3238

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8199, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8248, 0.3087, 0.3238 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, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 186)  
}
```

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, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.8248, 0.3087, 0.3238 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, 182, 186) }
```

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

```
.border{ border-color:rgb(181, 182, 186) }
```

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

Here you see how a box with a 4 pixel rgb(181, 182, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8248, 0.3087, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 186) }
```

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

```
.background{ background-color: rgb(181,  
182, 186) }
```

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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