

Converting Colors

$Yxy(48.9652, 0.3107, 0.3280)$

Have a look what the booklet for
Yxy(48.9652, 0.3107, 0.3280)
contains.

Yxy(48.8960, 0.3103, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(48.8960, 0.3103, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B8BABB
RGB	184, 186, 187
RGB Percent	72%, 73%, 73%
CMY	0.2783, 0.2706, 0.2666
CMYK	0.02, 0.01, 0.00, 0.27
HSL	200°, 2%, 73%
HSV	200°, 2%, 73%
XYZ	46.2998, 48.8960, 54.0139
YIQ	185.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

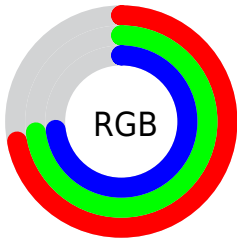
Format	Color
RYB	184, 185, 187
Decimal	12106427
CIELab	75.39, -0.49, -0.76
CIElCh	75, 0.906, 237.018
Yxy	48.8960, 0.3103, 0.3277
Android (android.graphics.Color)	4290296507 (0xFFB8BABB)
YUV	185.5160, 0.7316, -1.3295
Hunter-Lab	69.9257, -4.1801, 3.1496

Details

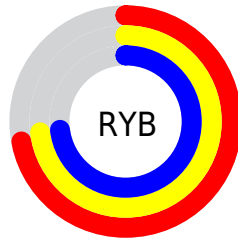
The Yxy color **48.8960, 0.3103, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7376, 0.3152, 0.3303**, and the grayscale version is **48.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5006, 0.3108, 0.3280**, and **23.3216, 0.3094, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **44.1358, 0.2950, 0.3191**, and if you desaturate by 10%, it is **54.0833, 0.3253, 0.3355**.

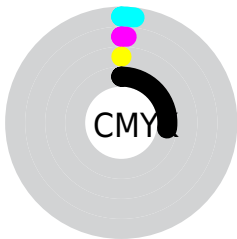
Distribution



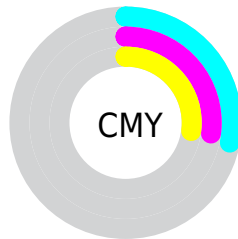
- Red (72%)
- Green (73%)
- Blue (73%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8960, 0.3103, 0.3277 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 48.8960, 0.3103, 0.3277 by changing the saturation by 10% instead.

■ 48.8960, 0.3103,
0.3277

■ 48.8960, 0.3103,
0.3277

382.3328, 0.3115,
0.3284

■ 34.5370, 0.3100,
0.3275

■ 88.5370, 0.3107,
0.3279

■ 23.3064, 0.3096,
0.3273

114.5877, 0.3109,
0.3280

■ 14.8199, 0.3091,
0.3271

145.3045, 0.3110,
0.3281

■ 8.6931, 0.3084,
0.3267

181.0717, 0.3112,
0.3282

■ 4.5416, 0.3074,
0.3261

222.2738, 0.3113,
0.3282

■ 1.9809, 0.3057,
0.3252

269.2950, 0.3114,

■ 0.5963, 0.2993,

0.3283

0.3217

322.5199, 0.3114,
0.3283

0.0000, 0.0000,
0.0000

48.8960, 0.3103,
0.3277

48.8960, 0.3103,
0.3277

44.1358, 0.2950,
0.3191

54.0833, 0.3253,
0.3355

39.7832, 0.2797,
0.3095

59.7042, 0.3398,
0.3424

35.8259, 0.2646,
0.2991

65.7730, 0.3538,
0.3485

32.2490, 0.2500,
0.2879

71.5685, 0.3640,
0.3541

29.0359, 0.2363,
0.2760

74.7744, 0.3624,
0.3605

■ 26.1691, 0.2239,
0.2635

■ 78.1050, 0.3608,
0.3667

■ 23.6289, 0.2131,
0.2507

■ 81.5618, 0.3592,
0.3729

■ 21.3929, 0.2043,
0.2378

■ 85.1461, 0.3576,
0.3789

■ 19.4350, 0.1974,
0.2251

■ 88.8591, 0.3561,
0.3848

Harmonies

Analogous

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



48.8960, 0.3105, 0.3287



48.8960, 0.3103, 0.3277



48.8960, 0.3107, 0.3270

Triad

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



48.8960, 0.3103, 0.3277



48.8960, 0.3141, 0.3282



48.8960, 0.3138, 0.3312

Complementary

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



48.8960, 0.3103, 0.3277



48.7376, 0.3152, 0.3303

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.



48.8960, 0.3147, 0.3310



48.8960, 0.3103, 0.3277



48.8960, 0.3149, 0.3293

Square

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



48.8960, 0.3103, 0.3277



48.8960, 0.3129, 0.3273



48.8960, 0.3152, 0.3303



48.8960, 0.3125, 0.3307

Rectangle

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



48.8960, 0.3103, 0.3277



48.8960, 0.3113, 0.3269



48.8960, 0.3152, 0.3303



48.8960, 0.3141, 0.3312

Sweetspot

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



48.8981, 0.3103, 0.3277



89.0005, 0.3127, 0.3290



49.2397, 0.3118, 0.3315



19.5994, 0.3127, 0.3290



95.5105, 0.3127, 0.3290

Same Dimension

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



48.8981, 0.3103, 0.3277



87.1821, 0.3096, 0.3273



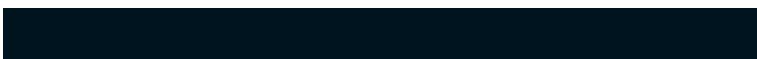
48.2782, 0.3104, 0.3258



11.0681, 0.3099, 0.3275



12.5134, 0.1933, 0.2160



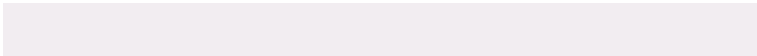
0.6065, 0.2017, 0.2462

Inverse Universe

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



48.4007, 0.3137, 0.3265



86.0525, 0.3140, 0.3258



49.3596, 0.3151, 0.3322



10.9360, 0.3139, 0.3260



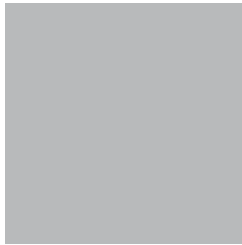
8.2929, 0.4276, 0.2129



0.3366, 0.3960, 0.1955

Previews

White Background



This preview shows how the Yxy color 48.8960, 0.3103, 0.3277 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 48.8960, 0.3103, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

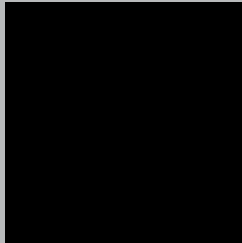
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

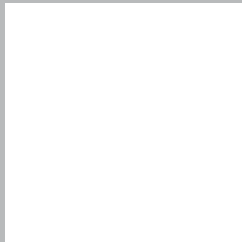
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8960, 0.3103, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.8960, 0.3103, 0.3277.

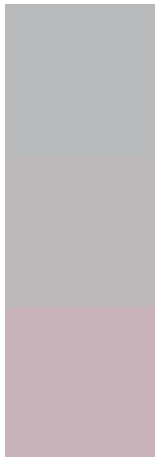


This preview shows how white text looks on a background with the Yxy color 48.8960, 0.3103, 0.3277.

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

48.8960, 0.3103, 0.3277

Protanopia

49.0619, 0.3153, 0.3277

Deuteranopia

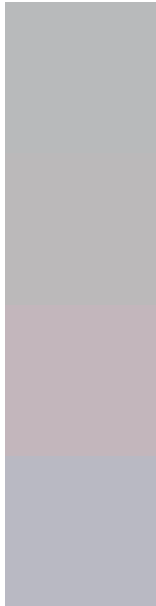
48.8299, 0.3253, 0.3192



Tritanopia

48.8436, 0.3029, 0.3101

Trichromacy



Original Color

48.8960, 0.3103, 0.3277

Protanomaly

48.8079, 0.3136, 0.3277

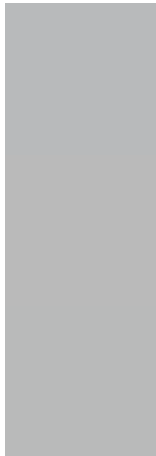
Deuteranomaly

48.6888, 0.3190, 0.3215

Tritanomaly

48.9523, 0.3051, 0.3163

Monochromacy



Original Color

48.8960, 0.3103, 0.3277

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9773, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8960, 0.3103, 0.3277 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, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 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, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.8960, 0.3103, 0.3277 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, 186, 187) }
```

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

```
.border{ border-color:rgb(184, 186, 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, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
187) }
```

Background

The CSS property to change the background color of an element to Yxy 48.8960, 0.3103, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 187) }
```

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

```
.background{ background-color: rgb(184,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor