

Converting Colors

$Y_{xy}(48.3110, 0.3107, 0.3278)$

Have a look what the booklet for
Yxy(48.3110, 0.3107, 0.3278)
contains.

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Color

Yxy(48.3104, 0.3103, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B7B9BA
RGB	183, 185, 186
RGB Percent	72%, 73%, 73%
CMY	0.2822, 0.2745, 0.2706
CMYK	0.02, 0.01, 0.00, 0.27
HSL	200°, 2%, 72%
HSV	200°, 2%, 73%
XYZ	45.7452, 48.3104, 53.3670
YIQ	184.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

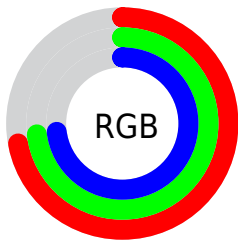
Format	Color
R_{YB}	183, 184, 186
Decimal	12040634
CIE _{Lab}	75.02, -0.49, -0.76
CIE _{LCh}	75, 0.903, 237.018
Yxy	48.3104, 0.3103, 0.3277
Android (android.graphics.Color)	4290230714 (0xFFB7B9BA)
YUV	184.5160, 0.7316, -1.3295
Hunter-Lab	69.5057, -4.1550, 3.1307

Details

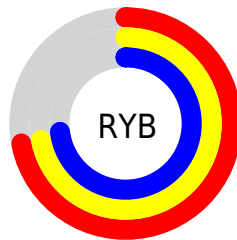
The Yxy color **48.3104, 0.3103, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1539, 0.3152, 0.3303**, and the grayscale version is **48.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6721, 0.3108, 0.3280**, and **22.9418, 0.3094, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **43.6090, 0.2950, 0.3191**, and if you desaturate by 10%, it is **53.4336, 0.3253, 0.3355**.

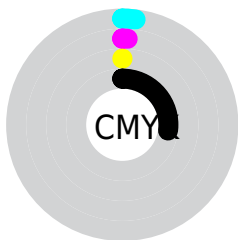
Distribution



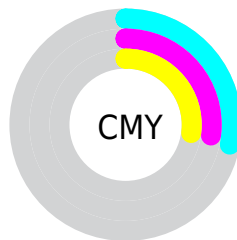
- Red (72%)
- Green (73%)
- Blue (73%)



- Red (72%)
- Yellow (72%)
- 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 48.3104, 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 48.3104, 0.3103, 0.3277 by changing the saturation by 10% instead.

■ 48.3104, 0.3103,
0.3277

■ 48.3104, 0.3103,
0.3277

380.0212, 0.3115,
0.3284

■ 34.0728, 0.3100,
0.3275

■ 87.6664, 0.3107,
0.3279

■ 22.9495, 0.3096,
0.3273

113.5535, 0.3109,
0.3280

■ 14.5562, 0.3091,
0.3270

144.0926, 0.3110,
0.3281

■ 8.5085, 0.3084,
0.3267

179.6680, 0.3112,
0.3282

■ 4.4220, 0.3074,
0.3261

220.6642, 0.3113,
0.3282

■ 1.9123, 0.3056,
0.3251

267.4655, 0.3114,

■ 0.5558, 0.2984,

0.3283

0.3212

320.4564, 0.3114,
0.3283

0.0000, 0.0000,
0.0000

48.3104, 0.3103,
0.3277

48.3104, 0.3103,
0.3277

43.6090, 0.2950,
0.3191

53.4336, 0.3253,
0.3355

39.3098, 0.2797,
0.3095

58.9848, 0.3398,
0.3424

35.4011, 0.2646,
0.2991

64.9782, 0.3537,
0.3485

31.8678, 0.2500,
0.2879

70.9613, 0.3651,
0.3540

28.6939, 0.2363,
0.2760

74.1274, 0.3634,
0.3603

■ 25.8618, 0.2239,
0.2636

■ 77.4166, 0.3618,
0.3666

■ 23.3521, 0.2132,
0.2508

■ 80.8304, 0.3602,
0.3727

■ 21.1429, 0.2043,
0.2379

■ 84.3700, 0.3586,
0.3787

■ 19.2083, 0.1974,
0.2251

■ 88.0368, 0.3570,
0.3846

Harmonies

Analogous

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



48.3104, 0.3105, 0.3287



48.3104, 0.3103, 0.3277



48.3104, 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.



48.3104, 0.3103, 0.3277



48.3104, 0.3141, 0.3282



48.3104, 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.



48.3104, 0.3103, 0.3277



48.1539, 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.



48.3104, 0.3147, 0.3310



48.3104, 0.3103, 0.3277



48.3104, 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.



48.3104, 0.3103, 0.3277



48.3104, 0.3129, 0.3273



48.3104, 0.3152, 0.3303



48.3104, 0.3125, 0.3307

Rectangle

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



48.3104, 0.3103, 0.3277



48.3104, 0.3113, 0.3269



48.3104, 0.3152, 0.3303



48.3104, 0.3141, 0.3312

Sweetspot

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



48.3125, 0.3103, 0.3277



89.0005, 0.3127, 0.3290



48.6500, 0.3118, 0.3315



19.5994, 0.3127, 0.3290



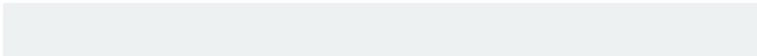
95.5105, 0.3127, 0.3290

Same Dimension

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



48.3125, 0.3103, 0.3277



87.1821, 0.3096, 0.3273



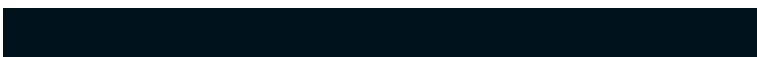
47.7000, 0.3104, 0.3258



10.4540, 0.3099, 0.3275



12.0870, 0.1934, 0.2162



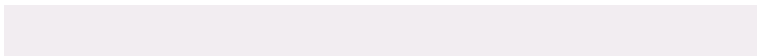
0.5356, 0.2024, 0.2487

Inverse Universe

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



47.8210, 0.3137, 0.3265



86.0525, 0.3140, 0.3258



48.7685, 0.3151, 0.3322



10.3297, 0.3138, 0.3261



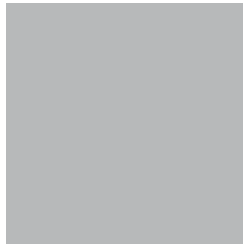
8.0025, 0.4274, 0.2128



0.2932, 0.3935, 0.1942

Previews

White Background



This preview shows how the Yxy color 48.3104, 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 48.3104, 0.3103, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

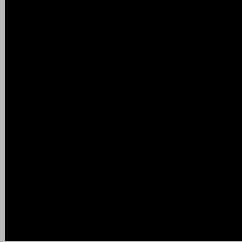
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

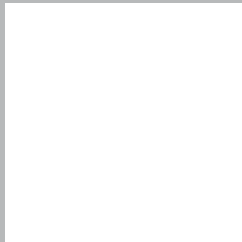
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3104, 0.3103, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.3104, 0.3103, 0.3277.

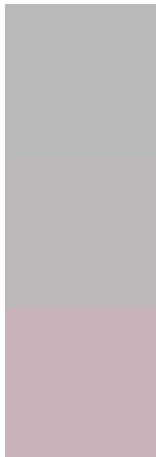


This preview shows how white text looks on a background with the Yxy color 48.3104, 0.3103, 0.3277.

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

48.3104, 0.3103, 0.3277

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

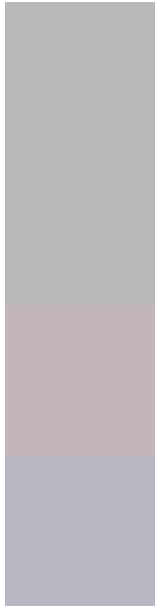
48.2456, 0.3253, 0.3192



Tritanopia

48.2585, 0.3028, 0.3100

Trichromacy



Original Color

48.3104, 0.3103, 0.3277

Protanomaly

48.2229, 0.3136, 0.3277

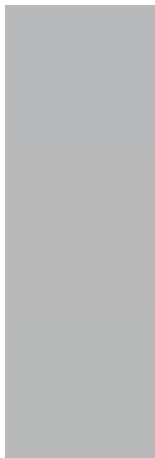
Deuteranomaly

48.1049, 0.3191, 0.3215

Tritanomaly

48.3664, 0.3050, 0.3163

Monochromacy



Original Color

48.3104, 0.3103, 0.3277

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3911, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3104, 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(183, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 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(183, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 48.3104, 0.3103, 0.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

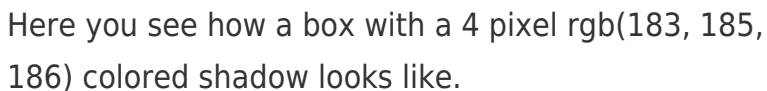
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 185, 186) }
```

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

```
.border{ border-color:rgb(183, 185, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 185, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 185, 186); box-shadow:4px 4px 4px 4px rgb(183, 185, 186) }
```

Background

The CSS property to change the background color of an element to Yxy 48.3104, 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(183, 185, 186) }
```

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

```
.background{ background-color: rgb(183,  
185, 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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