

Converting Colors

$Yxy(48.9652, 0.3138, 0.3283)$

Have a look what the booklet for
Yxy(48.9652, 0.3138, 0.3283)
contains.

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Color

Yxy(48.8079, 0.3136, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BBB9BA
RGB	187, 185, 186
RGB Percent	73%, 73%, 73%
CMY	0.2666, 0.2745, 0.2705
CMYK	0.00, 0.01, 0.01, 0.27
HSL	329°, 1%, 73%
HSV	329°, 1%, 73%
XYZ	46.7078, 48.8079, 53.4251
YIQ	185.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
RYB	187, 185, 186
Decimal	12302778
CIELab	75.33, 0.90, -0.28
CIELCh	75, 0.938, 342.781
Yxy	48.8079, 0.3136, 0.3277
Android (android.graphics.Color)	4290492858 (0xFFBBB9BA)
YUV	185.7120, 0.1420, 1.1296
Hunter-Lab	69.8627, -2.9205, 3.5639

Details

The Yxy color **48.8079, 0.3136, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4016, 0.3118, 0.3303**, and the grayscale version is **48.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3761, 0.3134, 0.3280**, and **23.2643, 0.3139, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **41.1157, 0.3228, 0.3152**, and if you desaturate by 10%, it is **57.5585, 0.3060, 0.3394**.

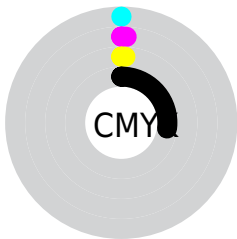
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8079, 0.3136, 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 48.8079, 0.3136, 0.3277 by changing the saturation by 10% instead.

■ 48.8079, 0.3136,
0.3277

■ 48.8079, 0.3136,
0.3277

381.9856, 0.3132,
0.3284

■ 34.4671, 0.3137,
0.3275

■ 88.4061, 0.3134,
0.3279

■ 23.2527, 0.3138,
0.3273

114.4323, 0.3134,
0.3280

■ 14.7802, 0.3140,
0.3271

145.1224, 0.3133,
0.3281

■ 8.6653, 0.3143,
0.3267

180.8608, 0.3133,
0.3282

■ 4.5235, 0.3147,
0.3261

222.0319, 0.3133,
0.3282

■ 1.9705, 0.3153,
0.3252

269.0202, 0.3132,

■ 0.5902, 0.3176,

0.3283

0.3216

322.2099, 0.3132,
0.3283

0.0000, 0.0000,
0.0000

48.8079, 0.3136,
0.3277

48.8079, 0.3136,
0.3277

41.1157, 0.3228,
0.3152

57.5585, 0.3060,
0.3394

34.4352, 0.3338,
0.3020

67.3992, 0.2997,
0.3503

28.7256, 0.3470,
0.2885

78.3685, 0.2945,
0.3603

23.9409, 0.3625,
0.2751

87.3977, 0.2900,
0.3645

20.0313, 0.3806,
0.2627

87.9051, 0.2853,
0.3542

■ 16.9424, 0.4011,
0.2520

■ 88.4398, 0.2806,
0.3440

■ 14.6134, 0.4236,
0.2445

■ 89.0021, 0.2760,
0.3340

■ 12.9752, 0.4474,
0.2412

■ 89.3054, 0.2736,
0.3289

■ 11.9457, 0.4713,
0.2431

Harmonies

Analogous

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



48.8079, 0.3123, 0.3270



48.8079, 0.3136, 0.3277



48.8079, 0.3147, 0.3288

Triad

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



48.8079, 0.3136, 0.3277



48.8079, 0.3143, 0.3312



48.8079, 0.3102, 0.3281

Complementary

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



48.8079, 0.3136, 0.3277



49.4016, 0.3118, 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.



48.8079, 0.3108, 0.3293



48.8079, 0.3136, 0.3277



48.8079, 0.3132, 0.3311

Square

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



48.8079, 0.3136, 0.3277



48.8079, 0.3151, 0.3308



48.8079, 0.3119, 0.3304



48.8079, 0.3104, 0.3272

Rectangle

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



48.8079, 0.3136, 0.3277



48.8079, 0.3151, 0.3295



48.8079, 0.3119, 0.3304



48.8079, 0.3104, 0.3285

Sweetspot

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



48.8100, 0.3136, 0.3277



89.0005, 0.3127, 0.3290



48.7219, 0.3120, 0.3264



19.5994, 0.3127, 0.3290



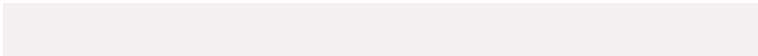
95.5105, 0.3127, 0.3290

Same Dimension

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



48.8100, 0.3136, 0.3277



87.4947, 0.3136, 0.3278



48.7681, 0.3144, 0.3290



11.1046, 0.3135, 0.3279



7.8666, 0.4895, 0.2470



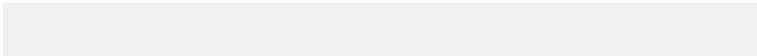
0.3213, 0.4386, 0.2190

Inverse Universe

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



48.8100, 0.3136, 0.3277



87.4947, 0.3136, 0.3278



49.4438, 0.3111, 0.3290



11.1046, 0.3135, 0.3279



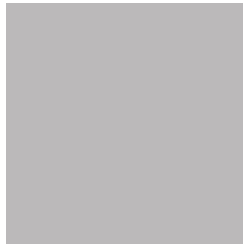
7.8666, 0.4895, 0.2470



0.3213, 0.4386, 0.2190

Previews

White Background



This preview shows how the Yxy color 48.8079, 0.3136, 0.3277 looks on a white background.

Color Contrast Check

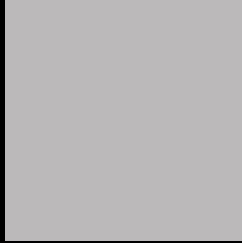
Large Text (above 18pt) WCAG AA × Fail

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 48.8079, 0.3136, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

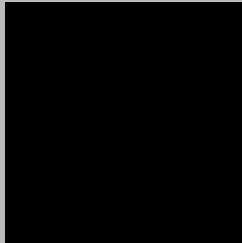
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

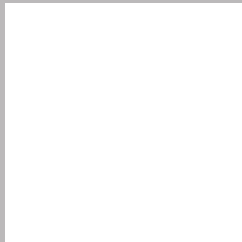
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8079, 0.3136, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.8079, 0.3136, 0.3277.

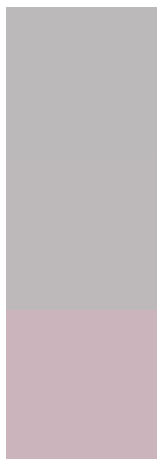


This preview shows how white text looks on a background with the Yxy color 48.8079, 0.3136, 0.3277.

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

48.8079, 0.3136, 0.3277

Protanopia

49.0619, 0.3153, 0.3277

Deuteranopia

48.9269, 0.3270, 0.3205



Tritanopia

48.7630, 0.3061, 0.3102

Trichromacy



Original Color

48.8079, 0.3136, 0.3277

Protanomaly

48.9345, 0.3145, 0.3277

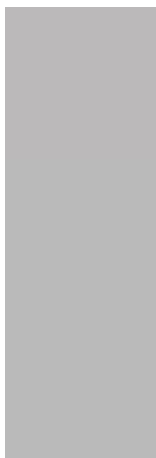
Deuteranomaly

48.9141, 0.3216, 0.3228

Tritanomaly

48.8674, 0.3083, 0.3164

Monochromacy



Original Color

48.8079, 0.3136, 0.3277

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1021, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8079, 0.3136, 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(187, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 48.8079, 0.3136, 0.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

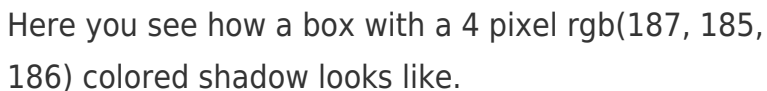
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 185, 186) }
```

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

```
.border{ border-color:rgb(187, 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(187, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 185,  
186) }
```

Background

The CSS property to change the background color of an element to Yxy 48.8079, 0.3136, 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(187, 185, 186) }
```

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

```
.background{ background-color: rgb(187,  
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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