

Converting Colors

$Y_{xy}(47.2773, 0.3105, 0.3242)$

Have a look what the booklet for
Yxy(47.2773, 0.3105, 0.3242)
contains.

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Color

Yxy(47.0683, 0.3104, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B7B6BA
RGB	183, 182, 186
RGB Percent	72%, 71%, 73%
CMY	0.2824, 0.2863, 0.2705
CMYK	0.02, 0.02, 0.00, 0.27
HSL	255°, 3%, 72%
HSV	255°, 2%, 73%
XYZ	45.1204, 47.0683, 53.1735
YIQ	182.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

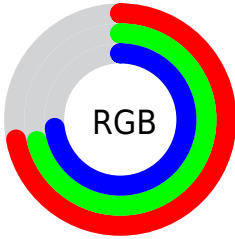
Format	Color
RYB	183, 182, 186
Decimal	12039866
CIELab	74.23, 1.11, -1.92
CIElCh	74, 2.219, 299.949
Yxy	47.0683, 0.3104, 0.3238
Android (android.graphics.Color)	4290229946 (0xFFB7B6BA)
YUV	182.7550, 1.5998, 0.2149
Hunter-Lab	68.6063, -2.6667, 2.0716

Details

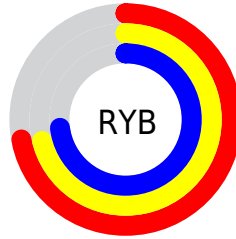
The Yxy color **47.0683, 0.3104, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8230, 0.3150, 0.3342**, and the grayscale version is **47.2054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9106, 0.3109, 0.3250**, and **22.1398, 0.3096, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **38.3176, 0.2987, 0.2981**, and if you desaturate by 10%, it is **57.0060, 0.3205, 0.3468**.

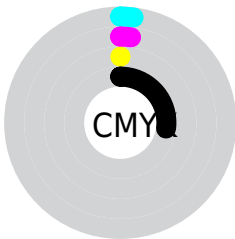
Distribution



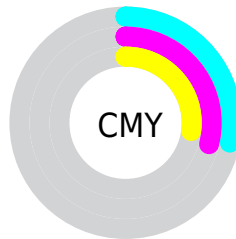
- Red (72%)
- Green (71%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0683, 0.3104, 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 47.0683, 0.3104, 0.3238 by changing the saturation by 10% instead.

■ 47.0683, 0.3104,
0.3238

■ 47.0683, 0.3104,
0.3238

375.0871, 0.3116,
0.3264

■ 33.0897, 0.3101,
0.3232

■ 85.8156, 0.3108,
0.3247

■ 22.1951, 0.3097,
0.3223

111.3530, 0.3110,
0.3251

■ 14.0004, 0.3092,
0.3212

141.5121, 0.3111,
0.3254

■ 8.1209, 0.3085,
0.3197

176.6773, 0.3112,
0.3257

■ 4.1724, 0.3075,
0.3174

217.2330, 0.3113,
0.3259

■ 1.7705, 0.3057,
0.3136

263.5636, 0.3114,

■ 0.4687, 0.2979,

0.3261

0.2955

316.0535, 0.3115,
0.3262

0.0000, 0.0000,
0.0000

47.0683, 0.3104,
0.3238

47.0683, 0.3104,
0.3238

38.3176, 0.2987,
0.2981

57.0060, 0.3205,
0.3468

30.7034, 0.2852,
0.2697

68.1668, 0.3291,
0.3671

24.1801, 0.2701,
0.2389

80.5928, 0.3365,
0.3850

18.6971, 0.2534,
0.2066

93.4177, 0.3430,
0.3994

14.1994, 0.2357,
0.1739

95.9501, 0.3524,
0.3972

■ 10.6272, 0.2177,
0.1426

■ 96.3262, 0.3538,
0.3969

■ 7.9137, 0.2004,
0.1147

■ 5.9831, 0.1848,
0.0921

■ 4.7454, 0.1721,
0.0762

Harmonies

Analogous

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



47.0683, 0.3079, 0.3240



47.0683, 0.3104, 0.3238



47.0683, 0.3135, 0.3250

Triad

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



47.0683, 0.3104, 0.3238



47.0683, 0.3187, 0.3325



47.0683, 0.3091, 0.3308

Complementary

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



47.0683, 0.3104, 0.3238



48.8230, 0.3150, 0.3342

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.



47.0683, 0.3119, 0.3331



47.0683, 0.3104, 0.3238



47.0683, 0.3175, 0.3341

Square

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



47.0683, 0.3104, 0.3238



47.0683, 0.3183, 0.3300



47.0683, 0.3150, 0.3343



47.0683, 0.3072, 0.3280

Rectangle

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



47.0683, 0.3104, 0.3238



47.0683, 0.3155, 0.3264



47.0683, 0.3150, 0.3343



47.0683, 0.3099, 0.3316

Sweetspot

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



47.0703, 0.3104, 0.3238



87.2445, 0.3116, 0.3266



48.2252, 0.3094, 0.3278



19.2323, 0.3117, 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.



47.0703, 0.3104, 0.3238



83.7991, 0.3094, 0.3216



47.3116, 0.3120, 0.3238



9.8953, 0.3087, 0.3199



2.8061, 0.1653, 0.0684



0.1288, 0.1933, 0.0838

Inverse Universe

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



47.4032, 0.3137, 0.3251



84.6464, 0.3142, 0.3235



48.5816, 0.3134, 0.3342



10.0190, 0.3145, 0.3223



8.3094, 0.3942, 0.1945



0.3021, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 47.0683, 0.3104, 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 47.0683, 0.3104, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

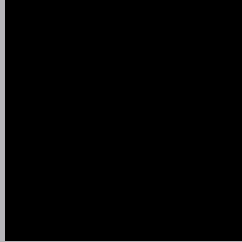
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

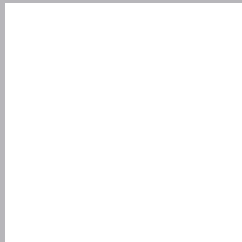
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0683, 0.3104, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 47.0683, 0.3104, 0.3238.

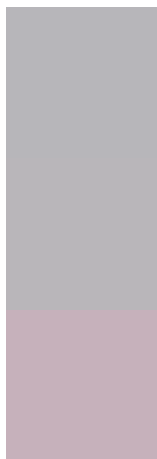


This preview shows how white text looks on a background with the Yxy color 47.0683, 0.3104, 0.3238.

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

47.0683, 0.3104, 0.3238

Protanopia

47.3154, 0.3121, 0.3239

Deuteranopia

47.0379, 0.3229, 0.3166



Tritanopia

47.1782, 0.3043, 0.3112

Trichromacy



Original Color

47.0683, 0.3104, 0.3238

Protanomaly

47.1914, 0.3113, 0.3238

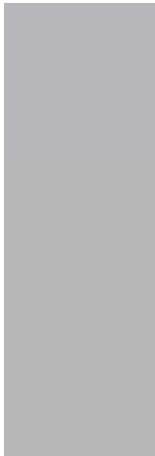
Deuteranomaly

47.1655, 0.3184, 0.3189

Tritanomaly

47.0439, 0.3066, 0.3149

Monochromacy



Original Color

47.0683, 0.3104, 0.3238

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3949, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0683, 0.3104, 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(183, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.0683, 0.3104, 0.3238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

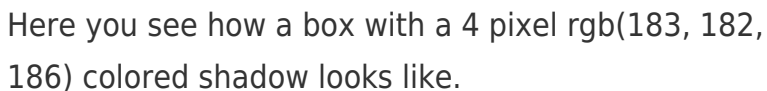
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 182, 186) }
```

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

```
.border{ border-color:rgb(183, 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(183, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 182, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 182, 186); box-shadow:4px 4px 4px 4px rgb(183, 182, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0683, 0.3104, 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(183, 182, 186) }
```

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

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