

Converting Colors

$Y_{xy}(47.8492, 0.3119, 0.3246)$

Have a look what the booklet for
Yxy(47.8492, 0.3119, 0.3246)
contains.

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Color

Yxy(47.7691, 0.3113, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	B9B7BB
RGB	185, 183, 187
RGB Percent	73%, 72%, 73%
CMY	0.2745, 0.2823, 0.2668
CMYK	0.01, 0.02, 0.00, 0.27
HSL	270°, 3%, 73%
HSV	270°, 2%, 73%
XYZ	45.9108, 47.7691, 53.8011
YIQ	184.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

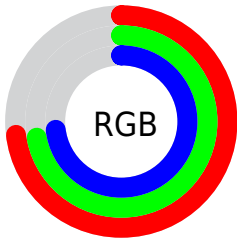
Format	Color
RYB	185, 183, 187
Decimal	12171195
CIELab	74.68, 1.45, -1.77
CIELCh	75, 2.291, 309.324
Yxy	47.7691, 0.3113, 0.3239
Android (android.graphics.Color)	4290361275 (0xFFB9B7BB)
YUV	184.0540, 1.4524, 0.8296
Hunter-Lab	69.1152, -2.3802, 2.2277

Details

The Yxy color **47.7691, 0.3113, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2605, 0.3141, 0.3341**, and the grayscale version is **47.9573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9048, 0.3116, 0.3250**, and **22.5920, 0.3107, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **39.4508, 0.3039, 0.2986**, and if you desaturate by 10%, it is **57.1908, 0.3175, 0.3470**.

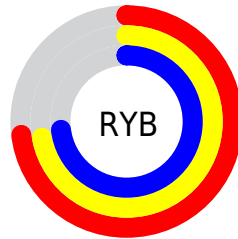
Distribution



Red (73%)

Green (72%)

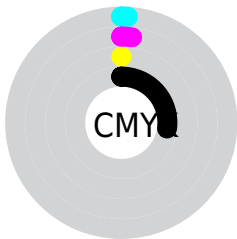
Blue (73%)



Red (73%)

Yellow (72%)

Blue (73%)

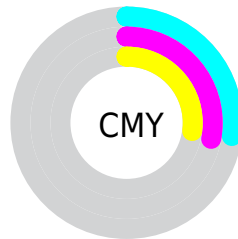


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7691, 0.3113, 0.3239 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 47.7691, 0.3113, 0.3239 by changing the saturation by 10% instead.

■ 47.7691, 0.3113,
0.3239

■ 47.7691, 0.3113,
0.3239

377.8762, 0.3120,
0.3264

■ 33.6441, 0.3111,
0.3233

■ 86.8605, 0.3116,
0.3248

■ 22.6203, 0.3109,
0.3225

112.5957, 0.3117,
0.3252

■ 14.3134, 0.3106,
0.3214

142.9697, 0.3117,
0.3255

■ 8.3390, 0.3102,
0.3199

178.3670, 0.3118,
0.3257

■ 4.3126, 0.3095,
0.3177

219.1718, 0.3119,
0.3259

■ 1.8499, 0.3084,
0.3141

265.7687, 0.3119,

■ 0.5180, 0.3044,

0.3261

0.2988

318.5420, 0.3120,
0.3263

0.0000, 0.0000,
0.0000

47.7691, 0.3113,
0.3239

47.7691, 0.3113,
0.3239

39.4508, 0.3039,
0.2986

57.1908, 0.3175,
0.3470

32.1884, 0.2954,
0.2714

67.7491, 0.3228,
0.3680

25.9396, 0.2855,
0.2428

79.4833, 0.3271,
0.3868

20.6572, 0.2745,
0.2134

90.6331, 0.3311,
0.4010

16.2899, 0.2624,
0.1843

92.1325, 0.3372,
0.3996

■ 12.7816, 0.2496,
0.1568

■ 93.7130, 0.3434,
0.3982

■ 10.0698, 0.2365,
0.1324

■ 95.3760, 0.3496,
0.3967

■ 8.0830, 0.2238,
0.1124

■ 96.3669, 0.3532,
0.3959

■ 6.7363, 0.2119,
0.0978

Harmonies

Analogous

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



47.7691, 0.3085, 0.3236



47.7691, 0.3113, 0.3239



47.7691, 0.3145, 0.3255

Triad

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



47.7691, 0.3113, 0.3239



47.7691, 0.3187, 0.3332



47.7691, 0.3082, 0.3300

Complementary

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



47.7691, 0.3113, 0.3239



49.2605, 0.3141, 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.



47.7691, 0.3109, 0.3326



47.7691, 0.3113, 0.3239



47.7691, 0.3170, 0.3344

Square

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



47.7691, 0.3113, 0.3239



47.7691, 0.3188, 0.3309



47.7691, 0.3141, 0.3342



47.7691, 0.3067, 0.3271

Rectangle

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



47.7691, 0.3113, 0.3239



47.7691, 0.3164, 0.3272



47.7691, 0.3141, 0.3342



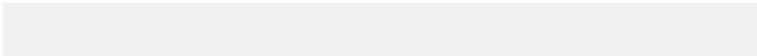
47.7691, 0.3090, 0.3309

Sweetspot

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



47.7711, 0.3113, 0.3239



87.3545, 0.3120, 0.3266



48.3485, 0.3095, 0.3264



19.2553, 0.3121, 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.



47.7711, 0.3113, 0.3239



84.1237, 0.3107, 0.3217



48.0172, 0.3130, 0.3239



10.5247, 0.3102, 0.3200



4.1758, 0.2046, 0.0901



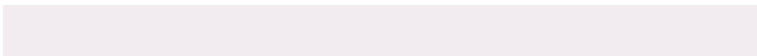
0.2024, 0.2311, 0.1047

Inverse Universe

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



47.9317, 0.3145, 0.3265



84.5350, 0.3153, 0.3254



49.0179, 0.3125, 0.3341



10.5886, 0.3160, 0.3246



7.8313, 0.4958, 0.2505



0.3200, 0.4431, 0.2215

Previews

White Background



This preview shows how the Yxy color 47.7691, 0.3113, 0.3239 looks on a white background.

Color Contrast Check

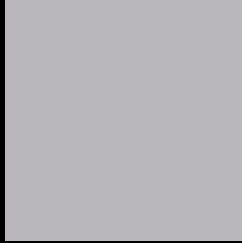
Large Text (above 18pt) WCAG AA × Fail

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 47.7691, 0.3113, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

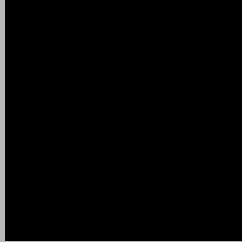
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

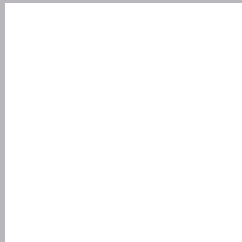
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7691, 0.3113, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 47.7691, 0.3113, 0.3239.



This preview shows how white text looks on a background with the Yxy color 47.7691, 0.3113, 0.3239.

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

47.7691, 0.3113, 0.3239

Protanopia

47.8939, 0.3121, 0.3239

Deuteranopia

47.6137, 0.3229, 0.3166



Tritanopia

47.8805, 0.3052, 0.3113

Trichromacy



Original Color

47.7691, 0.3113, 0.3239

Protanomaly

47.8939, 0.3121, 0.3239

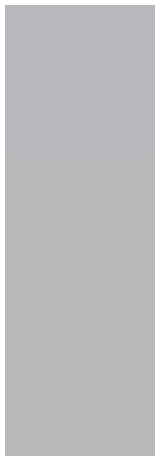
Deuteranomaly

47.7427, 0.3183, 0.3190

Tritanomaly

47.7453, 0.3075, 0.3150

Monochromacy



Original Color

47.7691, 0.3113, 0.3239

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9741, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7691, 0.3113, 0.3239 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(185, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 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(185, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.7691, 0.3113, 0.3239 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(185, 183, 187) }
```

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

```
.border{ border-color:rgb(185, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7691, 0.3113, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 187) }
```

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

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

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