

Converting Colors

$Yxy(47.1524, 0.3096, 0.3156)$

Have a look what the booklet for
Yxy(47.1524, 0.3096, 0.3156)
contains.

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Color

Yxy(47.3741, 0.3099, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	BBB5BF
RGB	187, 181, 191
RGB Percent	73%, 71%, 75%
CMY	0.2668, 0.2901, 0.2510
CMYK	0.02, 0.05, 0.00, 0.25
HSL	276°, 7%, 73%
HSV	276°, 5%, 75%
XYZ	46.4155, 47.3741, 55.9862
YIQ	183.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

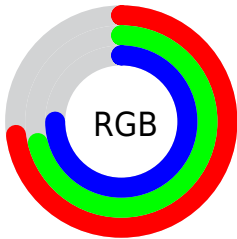
Format	Color
RYB	187, 181, 191
Decimal	12301759
CIELab	74.43, 3.96, -4.32
CIELCh	74, 5.861, 312.565
Yxy	47.3741, 0.3099, 0.3163
Android (android.graphics.Color)	4290491839 (0xFFBBB5BF)
YUV	183.9340, 3.4835, 2.6889
Hunter-Lab	68.8288, -0.0769, -0.0470




Details

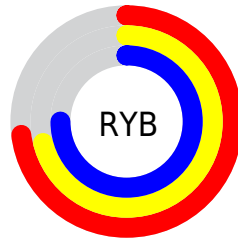
The Yxy color $47.3741, 0.3099, 0.3163$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.9170, 0.3154, 0.3418$, and the grayscale version is $47.8736, 0.3127, 0.3290$.




A 20% lighter version of the original color is $86.3385, 0.3105, 0.3191$, and $22.3417, 0.3089, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $39.1875, 0.3038, 0.2906$, and if you desaturate by 10%, it is $56.6818, 0.3151, 0.3401$.

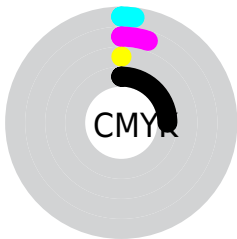
Distribution







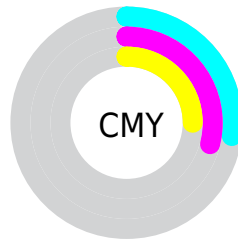
-  Red (73%)
-  Green (71%)
-  Blue (75%)






-  Red (73%)
-  Yellow (71%)
-  Blue (75%)



-  Cyan (2%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (27%)
-  Magenta (29%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3741, 0.3099, 0.3163 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 47.3741, 0.3099, 0.3163 by changing the saturation by 10% instead.

■ 47.3741, 0.3099,
0.3163

■ 47.3741, 0.3099,
0.3163

376.3058, 0.3113,
0.3226

■ 33.3315, 0.3095,
0.3147

■ 86.2718, 0.3104,
0.3186

■ 22.3805, 0.3091,
0.3128

111.8956, 0.3106,
0.3194

■ 14.1368, 0.3084,
0.3101

142.1487, 0.3108,
0.3202

■ 8.2158, 0.3076,
0.3065

177.4153, 0.3109,
0.3208

■ 4.2334, 0.3062,
0.3011

218.0800, 0.3110,
0.3213

■ 1.8049, 0.3039,
0.2924

264.5270, 0.3112,

■ 0.4903, 0.2980,

0.3218

0.2596

317.1408, 0.3112,
0.3222

0.0000, 0.0000,
0.0000

47.3741, 0.3099,
0.3163

47.3741, 0.3099,
0.3163

39.1875, 0.3038,
0.2906

56.6818, 0.3151,
0.3401

32.0719, 0.2966,
0.2634

67.1458, 0.3194,
0.3619

25.9827, 0.2884,
0.2352

78.8074, 0.3229,
0.3817

20.8696, 0.2792,
0.2069

90.1544, 0.3261,
0.3972

16.6777, 0.2691,
0.1796

91.3685, 0.3311,
0.3962

■ 13.3469, 0.2584,
0.1546

■ 92.6385, 0.3362,
0.3951

■ 10.8096, 0.2476,
0.1331

■ 93.9651, 0.3413,
0.3940

■ 8.9875, 0.2369,
0.1162

■ 95.3491, 0.3465,
0.3929

■ 7.7851, 0.2268,
0.1043

■ 96.5415, 0.3508,
0.3919

Harmonies

Analogous

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



47.3741, 0.3025, 0.3152



47.3741, 0.3099, 0.3163



47.3741, 0.3181, 0.3207

Triad

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



47.3741, 0.3099, 0.3163



47.3741, 0.3278, 0.3402



47.3741, 0.3006, 0.3306

Complementary

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



47.3741, 0.3099, 0.3163



50.9170, 0.3154, 0.3418

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.



47.3741, 0.3072, 0.3375



47.3741, 0.3099, 0.3163



47.3741, 0.3229, 0.3431

Square

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



47.3741, 0.3099, 0.3163



47.3741, 0.3285, 0.3344



47.3741, 0.3154, 0.3422



47.3741, 0.2972, 0.3233

Rectangle

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



47.3741, 0.3099, 0.3163



47.3741, 0.3230, 0.3250



47.3741, 0.3154, 0.3422



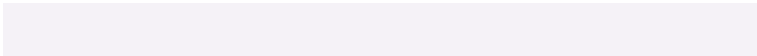
47.3741, 0.3025, 0.3330

Sweetspot

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



47.3761, 0.3099, 0.3163



89.9578, 0.3117, 0.3241



48.3578, 0.3048, 0.3215



19.7902, 0.3117, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.3761, 0.3099, 0.3163



83.5020, 0.3094, 0.3141



47.8546, 0.3140, 0.3175



10.0114, 0.3092, 0.3130



4.8690, 0.2235, 0.1005



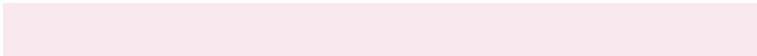
0.2279, 0.2468, 0.1133

Inverse Universe

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



47.6342, 0.3181, 0.3239



84.0403, 0.3190, 0.3231



50.4573, 0.3115, 0.3408



10.0811, 0.3195, 0.3226



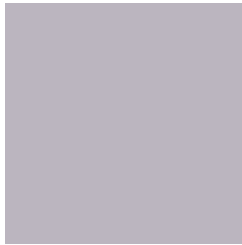
7.6469, 0.5336, 0.2713



0.3125, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 47.3741, 0.3099, 0.3163 looks on a white background.

Color Contrast Check

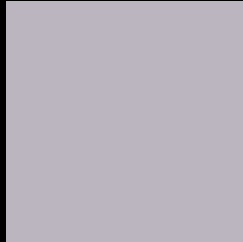
Large Text (above 18pt) WCAG AA × Fail

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 47.3741, 0.3099, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

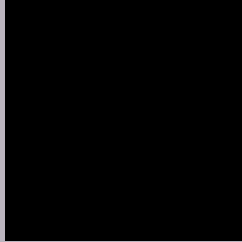
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

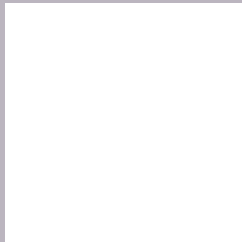
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3741, 0.3099, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 47.3741, 0.3099, 0.3163.



This preview shows how white text looks on a background with the Yxy color 47.3741, 0.3099, 0.3163.

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

47.3741, 0.3099, 0.3163

Protanopia

47.4520, 0.3066, 0.3162

Deuteranopia

47.5169, 0.3178, 0.3117



Tritanopia

47.2740, 0.3077, 0.3101

Trichromacy



Original Color

47.3741, 0.3099, 0.3163

Protanomaly

47.5760, 0.3074, 0.3162

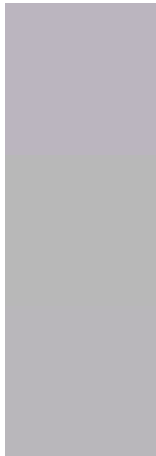
Deuteranomaly

47.3834, 0.3143, 0.3127

Tritanomaly

47.2289, 0.3085, 0.3113

Monochromacy



Original Color

47.3741, 0.3099, 0.3163

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7691, 0.3113, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3741, 0.3099, 0.3163 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, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 191)  
}
```

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, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.3741, 0.3099, 0.3163 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, 181, 191) }
```

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

```
.border{ border-color:rgb(187, 181, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3741, 0.3099, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 191) }
```

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

```
.background{ background-color: rgb(187,  
181, 191) }
```

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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