

Converting Colors

$Yxy(48.1464, 0.3312, 0.3699)$

Have a look what the booklet for
Yxy(48.1464, 0.3312, 0.3699)
contains.

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Color

Yxy(48.2245, 0.3310, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	B5BC9D
RGB	181, 188, 157
RGB Percent	71%, 74%, 62%
CMY	0.2903, 0.2627, 0.3844
CMYK	0.04, 0.00, 0.17, 0.26
HSL	74°, 19%, 68%
HSV	74°, 17%, 74%
XYZ	43.1181, 48.2245, 38.9235
YIQ	182.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

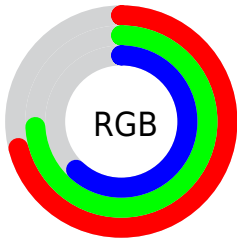
Format	Color
RYB	157, 188, 164
Decimal	11910301
CIELab	74.97, -7.91, 14.90
CIELCh	75, 16.865, 117.965
Yxy	48.2245, 0.3310, 0.3702
Android (android.graphics.Color)	4290100381 (0xFFB5BC9D)
YUV	182.3730, -12.5089, -1.2041
Hunter-Lab	69.4439, -10.6951, 15.3785

Details

The Yxy color **48.2245, 0.3310, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6331, 0.2925, 0.2859**, and the grayscale version is **47.0581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4594, 0.3276, 0.3620**, and **22.9577, 0.3354, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **47.1252, 0.3421, 0.3965**, and if you desaturate by 10%, it is **49.4427, 0.3199, 0.3448**.

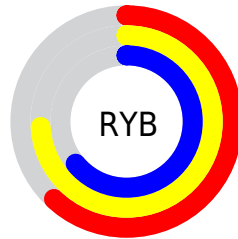
Distribution



Red (71%)

Green (74%)

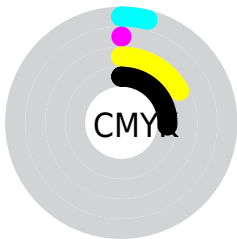
Blue (62%)



Red (62%)

Yellow (74%)

Blue (64%)

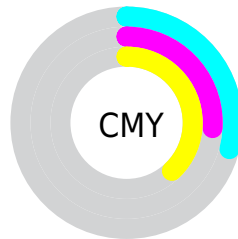


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2245, 0.3310, 0.3702 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 48.2245, 0.3310, 0.3702 by changing the saturation by 10% instead.

 48.2245, 0.3310,
0.3702


 48.2245, 0.3310,
0.3702


379.6813, 0.3221,
0.3494

 34.0047, 0.3331,
0.3755


 87.5386, 0.3278,
0.3626

 22.8972, 0.3358,
0.3822


 113.4016, 0.3266,
0.3598

 14.5176, 0.3393,
0.3913


143.9146, 0.3256,
0.3574

 8.4816, 0.3440,
0.4040

179.4618, 0.3247,
0.3553

 4.4046, 0.3505,
0.4231

220.4277, 0.3239,
0.3535

 1.9024, 0.3610,
0.4562

267.1966, 0.3232,

 0.5498, 0.3747,

0.3520

0.6253

320.1530, 0.3226,
0.3506

0.0000, 0.0000,
0.0000

48.2245, 0.3310,
0.3702

48.2245, 0.3310,
0.3702

47.1252, 0.3421,
0.3965

49.4427, 0.3199,
0.3448

46.1337, 0.3526,
0.4231

50.7778, 0.3089,
0.3208

45.2472, 0.3622,
0.4491

52.2359, 0.2985,
0.2985

44.4603, 0.3704,
0.4733

53.8211, 0.2886,
0.2780

43.7670, 0.3765,
0.4947

55.5369, 0.2794,
0.2593

■ 43.1605, 0.3803,
0.5124

■ 56.3976, 0.2799,
0.2560

■ 42.6330, 0.3815,
0.5256

■ 57.0191, 0.2829,
0.2566

■ 42.1743, 0.3803,
0.5342

■ 57.6573, 0.2860,
0.2573

■ 42.0232, 0.3796,
0.5368

■ 58.3123, 0.2891,
0.2579

Harmonies

Analogous

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



48.2245, 0.3499, 0.3664



48.2245, 0.3310, 0.3702



48.2245, 0.3077, 0.3619

Triad

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



48.2245, 0.3310, 0.3702



48.2245, 0.2686, 0.3029



48.2245, 0.3391, 0.3145

Complementary

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



48.2245, 0.3310, 0.3702



35.6331, 0.2925, 0.2859

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.



48.2245, 0.3164, 0.2990



48.2245, 0.3310, 0.3702



48.2245, 0.2762, 0.2920

Square

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



48.2245, 0.3310, 0.3702



48.2245, 0.2723, 0.3217



48.2245, 0.2935, 0.2908



48.2245, 0.3549, 0.3339

Rectangle

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



48.2245, 0.3310, 0.3702



48.2245, 0.2929, 0.3505



48.2245, 0.2935, 0.2908



48.2245, 0.3320, 0.3087

Sweetspot

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



48.2266, 0.3310, 0.3702



89.9230, 0.3183, 0.3413



39.5716, 0.3422, 0.3381



19.3023, 0.3191, 0.3430



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.



48.2266, 0.3310, 0.3702



86.6014, 0.3353, 0.3802



46.4889, 0.3180, 0.3719



11.0084, 0.3230, 0.3519



28.6408, 0.3802, 0.5364



1.1492, 0.3900, 0.5285

Inverse Universe

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



35.6331, 0.2925, 0.2859



59.2469, 0.2871, 0.2749



37.3482, 0.3064, 0.2877



9.3270, 0.3018, 0.3055



2.8451, 0.1631, 0.0672



0.1417, 0.1881, 0.0810

Previews

White Background



This preview shows how the Yxy color 48.2245, 0.3310, 0.3702 looks on a white background.

Color Contrast Check

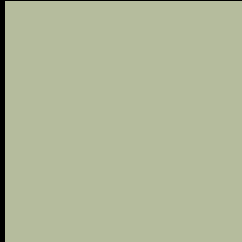
Large Text (above 18pt) WCAG AA × Fail

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 48.2245, 0.3310, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

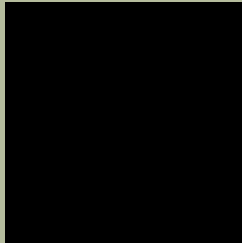
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

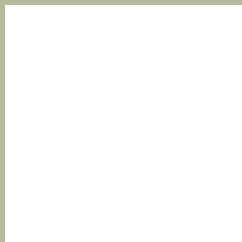
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2245, 0.3310, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 48.2245, 0.3310, 0.3702.



This preview shows how white text looks on a background with the Yxy color 48.2245, 0.3310, 0.3702.

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

48.2245, 0.3310, 0.3702

Protanopia

48.1169, 0.3450, 0.3664

Deuteranopia

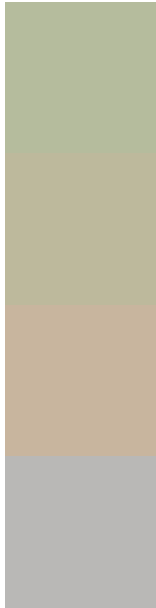
47.7964, 0.3589, 0.3512



Tritanopia

48.0519, 0.3052, 0.3101

Trichromacy



Original Color

48.2245, 0.3310, 0.3702

Protanomaly

47.9170, 0.3394, 0.3668

Deuteranomaly

47.7957, 0.3486, 0.3582

Tritanomaly

47.9727, 0.3151, 0.3316

Monochromacy



Original Color

48.2245, 0.3310, 0.3702

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2432, 0.3197, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2245, 0.3310, 0.3702 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(181, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 157)  
}
```

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(181, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 157) }
```

Border

The CSS property to change the border of an element to Yxy 48.2245, 0.3310, 0.3702 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(181, 188, 157) }
```

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

```
.border{ border-color:rgb(181, 188, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2245, 0.3310, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 157) }
```

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

```
.background{ background-color: rgb(181,  
188, 157) }
```

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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