

Converting Colors

$Yxy(42.2606, 0.3241, 0.3206)$

Have a look what the booklet for
Yxy(42.2606, 0.3241, 0.3206)
contains.

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Color

Yxy(42.2019, 0.3241, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9B0
RGB	188, 169, 176
RGB Percent	74%, 66%, 69%
CMY	0.2629, 0.3372, 0.3098
CMYK	0.00, 0.10, 0.06, 0.26
HSL	338°, 12%, 70%
HSV	338°, 10%, 74%
XYZ	42.7560, 42.2019, 46.9643
YIQ	175.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

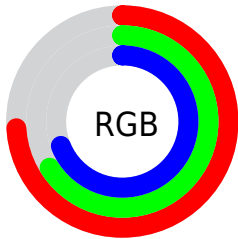
Format	Color
RYB	188, 169, 176
Decimal	12364208
CIELab	71.01, 8.07, -1.10
CIELCh	71, 8.141, 352.270
Yxy	42.2019, 0.3241, 0.3199
Android (android.graphics.Color)	4290554288 (0xFFBCA9B0)
YUV	175.4790, 0.2569, 10.9809
Hunter-Lab	64.9630, 3.7961, 2.6110

Details

The Yxy color **42.2019, 0.3241, 0.3199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7227, 0.3025, 0.3383**, and the grayscale version is **43.1248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3706, 0.3215, 0.3209**, and **19.3287, 0.3274, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **35.2550, 0.3379, 0.3103**, and if you desaturate by 10%, it is **50.1990, 0.3128, 0.3289**.

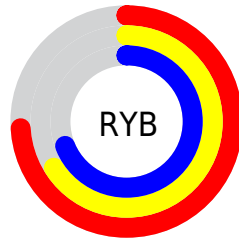
Distribution



Red (74%)

Green (66%)

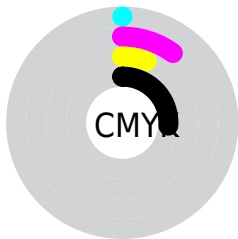
Blue (69%)



Red (74%)

Yellow (66%)

Blue (69%)

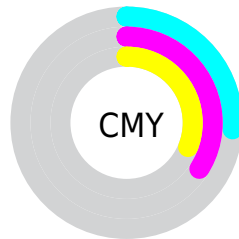


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2019, 0.3241, 0.3199 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 42.2019, 0.3241, 0.3199 by changing the saturation by 10% instead.

 42.2019, 0.3241,
0.3199

 42.2019, 0.3241,
0.3199


355.3192, 0.3183,
0.3245

 29.2594, 0.3256,
0.3187

 78.5051, 0.3220,
0.3216

 19.2772, 0.3275,
0.3172

 102.6346, 0.3212,
0.3222

 11.8707, 0.3300,
0.3152


131.2619, 0.3205,
0.3228

 6.6557, 0.3337,
0.3123

164.7714, 0.3200,
0.3232

 3.2477, 0.3393,
0.3079

203.5475, 0.3195,
0.3236

 1.2624, 0.3490,
0.3003

247.9746, 0.3190,

 0.1118, 0.4944,

0.3239

0.1823

298.4370, 0.3187,
0.3242

0.0000, 0.0000,
0.0000

42.2019, 0.3241,
0.3199

42.2019, 0.3241,
0.3199

35.2550, 0.3379,
0.3103

50.1990, 0.3128,
0.3289

29.3091, 0.3546,
0.3005

59.2818, 0.3035,
0.3373

24.3190, 0.3747,
0.2906

69.4912, 0.2959,
0.3450

20.2343, 0.3986,
0.2815

80.8641, 0.2897,
0.3521

16.9996, 0.4261,
0.2740

88.2253, 0.2840,
0.3503

■ 14.5534, 0.4568,
0.2692

■ 88.9361, 0.2780,
0.3372

■ 12.8259, 0.4893,
0.2685

■ 89.4265, 0.2741,
0.3289

■ 11.7349, 0.5213,
0.2726

■ 11.1192, 0.5508,
0.2808

Harmonies

Analogous

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



42.2019, 0.3125, 0.3124



42.2019, 0.3241, 0.3199



42.2019, 0.3328, 0.3298

Triad

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



42.2019, 0.3241, 0.3199



42.2019, 0.3242, 0.3496



42.2019, 0.2900, 0.3176

Complementary

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



42.2019, 0.3241, 0.3199



47.7227, 0.3025, 0.3383

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.



42.2019, 0.2931, 0.3277



42.2019, 0.3241, 0.3199



42.2019, 0.3126, 0.3465

Square

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



42.2019, 0.3241, 0.3199



42.2019, 0.3328, 0.3471



42.2019, 0.3013, 0.3383



42.2019, 0.2929, 0.3109

Rectangle

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



42.2019, 0.3241, 0.3199



42.2019, 0.3356, 0.3366



42.2019, 0.3013, 0.3383



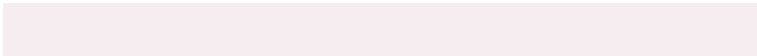
42.2019, 0.2904, 0.3207

Sweetspot

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



42.2037, 0.3241, 0.3199



86.5102, 0.3159, 0.3263



41.7995, 0.3074, 0.3041



18.3465, 0.3168, 0.3256



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.



42.2037, 0.3241, 0.3199



73.6981, 0.3268, 0.3179



42.7640, 0.3299, 0.3320



9.5929, 0.3232, 0.3206



7.5872, 0.5476, 0.2790



0.3099, 0.4815, 0.2426

Inverse Universe

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



42.2037, 0.3241, 0.3199



73.6981, 0.3268, 0.3179



47.0795, 0.2974, 0.3260



9.5929, 0.3232, 0.3206



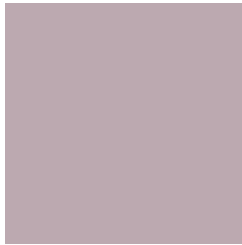
7.5872, 0.5476, 0.2790



0.3099, 0.4815, 0.2426

Previews

White Background



This preview shows how the Yxy color 42.2019, 0.3241, 0.3199 looks on a white background.

Color Contrast Check

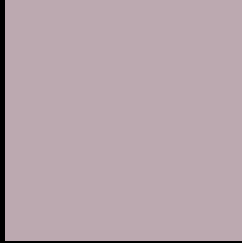
Large Text (above 18pt) WCAG AA × Fail

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 42.2019, 0.3241, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

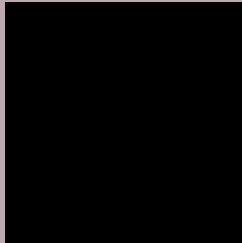
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

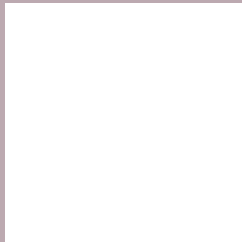
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2019, 0.3241, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 42.2019, 0.3241, 0.3199.



This preview shows how white text looks on a background with the Yxy color 42.2019, 0.3241, 0.3199.

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

42.2019, 0.3241, 0.3199

Protanopia

42.3316, 0.3113, 0.3223

Deuteranopia

42.0870, 0.3261, 0.3186



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.2019, 0.3241, 0.3199

Protanomaly

42.3827, 0.3157, 0.3223

Deuteranomaly

41.9587, 0.3252, 0.3186

Tritanomaly

42.0788, 0.3226, 0.3147

Monochromacy



Original Color

42.2019, 0.3241, 0.3199

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6856, 0.3173, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2019, 0.3241, 0.3199 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(188, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 176)  
}
```

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(188, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.2019, 0.3241, 0.3199 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(188, 169, 176) }
```

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

```
.border{ border-color:rgb(188, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2019, 0.3241, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 176) }
```

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

```
.background{ background-color: rgb(188,  
169, 176) }
```

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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