

Converting Colors

$Yxy(42.4806, 0.3224, 0.3201)$

Have a look what the booklet for
Yxy(42.4806, 0.3224, 0.3201)
contains.

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Color

Yxy(42.4886, 0.3222, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	BBAAB1
RGB	187, 170, 177
RGB Percent	73%, 67%, 69%
CMY	0.2669, 0.3332, 0.3059
CMYK	0.00, 0.09, 0.05, 0.27
HSL	335°, 11%, 70%
HSV	335°, 9%, 73%
XYZ	42.7941, 42.4886, 47.5357
YIQ	175.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

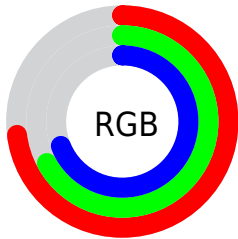
Format	Color
RYB	187, 170, 177
Decimal	12298929
CIELab	71.21, 7.33, -1.37
CIELCh	71, 7.459, 349.445
Yxy	42.4886, 0.3222, 0.3199
Android (android.graphics.Color)	4290489009 (0xFFBBAAB1)
YUV	175.8810, 0.5517, 9.7514
Hunter-Lab	65.1833, 3.1180, 2.3903

Details

The Yxy color **42.4886, 0.3222, 0.3199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3626, 0.3041, 0.3383**, and the grayscale version is **43.3428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7883, 0.3201, 0.3209**, and **19.4804, 0.3259, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **35.5503, 0.3348, 0.3093**, and if you desaturate by 10%, it is **50.4628, 0.3118, 0.3299**.

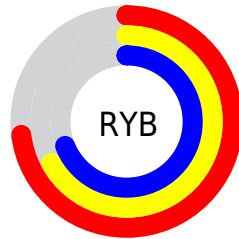
Distribution



Red (73%)

Green (67%)

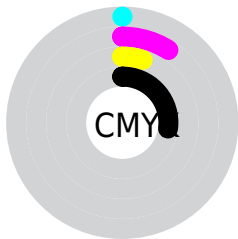
Blue (69%)



Red (73%)

Yellow (67%)

Blue (69%)

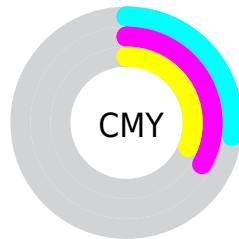


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4886, 0.3222, 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 42.4886, 0.3222, 0.3199 by changing the saturation by 10% instead.

■ 42.4886, 0.3222,
0.3199

■ 42.4886, 0.3222,
0.3199

■ 356.5044, 0.3174,
0.3245

■ 29.4841, 0.3234,
0.3187

■ 78.9386, 0.3204,
0.3216

■ 19.4473, 0.3250,
0.3172

■ 103.1528, 0.3198,
0.3222

■ 11.9939, 0.3271,
0.3152

■ 131.8724, 0.3192,
0.3227

■ 6.7396, 0.3301,
0.3123

■ 165.4817, 0.3188,
0.3232

■ 3.2998, 0.3348,
0.3080

■ 204.3652, 0.3184,
0.3236

■ 1.2902, 0.3427,
0.3006

■ 248.9072, 0.3180,

■ 0.1336, 0.4496,

0.3239

0.1963

299.4921, 0.3177,
0.3242

0.0000, 0.0000,
0.0000

42.4886, 0.3222,
0.3199

42.4886, 0.3222,
0.3199

35.5503, 0.3348,
0.3093

50.4628, 0.3118,
0.3299

29.5996, 0.3501,
0.2983

59.5074, 0.3033,
0.3392

24.5926, 0.3683,
0.2873

69.6623, 0.2963,
0.3478

20.4801, 0.3899,
0.2770

80.9637, 0.2905,
0.3557

17.2083, 0.4149,
0.2682

87.9037, 0.2852,
0.3541

■ 14.7175, 0.4427,
0.2621

■ 88.5484, 0.2796,
0.3419

■ 12.9401, 0.4724,
0.2600

■ 89.2329, 0.2741,
0.3300

■ 11.7967, 0.5023,
0.2628

■ 89.2985, 0.2736,
0.3289

■ 11.1471, 0.5306,
0.2704

Harmonies

Analogous

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



42.4886, 0.3115, 0.3133



42.4886, 0.3222, 0.3199



42.4886, 0.3305, 0.3289

Triad

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



42.4886, 0.3222, 0.3199



42.4886, 0.3241, 0.3478



42.4886, 0.2920, 0.3194

Complementary

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



42.4886, 0.3222, 0.3199



47.3626, 0.3041, 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.



42.4886, 0.2953, 0.3288



42.4886, 0.3222, 0.3199



42.4886, 0.3137, 0.3454

Square

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



42.4886, 0.3222, 0.3199



42.4886, 0.3316, 0.3451



42.4886, 0.3032, 0.3384



42.4886, 0.2941, 0.3129

Rectangle

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



42.4886, 0.3222, 0.3199



42.4886, 0.3334, 0.3351



42.4886, 0.3032, 0.3384



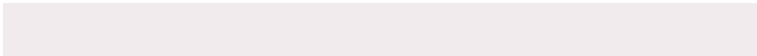
42.4886, 0.2925, 0.3223

Sweetspot

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



42.4905, 0.3222, 0.3199



84.4997, 0.3157, 0.3260



42.0346, 0.3075, 0.3067



18.3516, 0.3166, 0.3252



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.



42.4905, 0.3222, 0.3199



73.3523, 0.3247, 0.3177



42.7514, 0.3281, 0.3309



9.5998, 0.3225, 0.3196



7.6620, 0.5302, 0.2694



0.3132, 0.4681, 0.2352

Inverse Universe

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



42.4905, 0.3222, 0.3199



73.3523, 0.3247, 0.3177



47.0584, 0.2989, 0.3271



9.5998, 0.3225, 0.3196



7.6620, 0.5302, 0.2694



0.3132, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 42.4886, 0.3222, 0.3199 looks on a white background.

Color Contrast Check

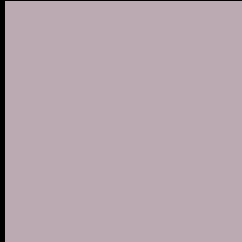
Large Text (above 18pt) WCAG AA × Fail

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 42.4886, 0.3222, 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 42.4886, 0.3222, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 42.4886, 0.3222, 0.3199.



This preview shows how white text looks on a background with the Yxy color 42.4886, 0.3222, 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

42.4886, 0.3222, 0.3199

Protanopia

42.3719, 0.3104, 0.3209

Deuteranopia

42.4974, 0.3251, 0.3186



Tritanopia

42.4447, 0.3190, 0.3121

Trichromacy



Original Color

42.4886, 0.3222, 0.3199

Protanomaly

42.4227, 0.3149, 0.3210

Deuteranomaly

42.3691, 0.3242, 0.3186

Tritanomaly

42.3626, 0.3207, 0.3147

Monochromacy



Original Color

42.4886, 0.3222, 0.3199

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1100, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4886, 0.3222, 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(187, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 177)  
}
```

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, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 177) }
```

Border

The CSS property to change the border of an element to Yxy 42.4886, 0.3222, 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(187, 170, 177) }
```

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

```
.border{ border-color:rgb(187, 170, 177) }
```

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

Here you see how a box with a 4 pixel rgb(187, 170, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4886, 0.3222, 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(187, 170, 177) }
```

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

```
.background{ background-color: rgb(187,  
170, 177) }
```

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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