

Converting Colors

$Y_{xy}(43.3522, 0.3210, 0.3128)$

Have a look what the booklet for
Yxy(43.3522, 0.3210, 0.3128)
contains.

Yxy(43.2447, 0.3207, 0.3123)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2447, 0.3207, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	BFAAB7
RGB	191, 170, 183
RGB Percent	75%, 67%, 72%
CMY	0.2510, 0.3333, 0.2823
CMYK	0.00, 0.11, 0.04, 0.25
HSL	323°, 14%, 71%
HSV	323°, 11%, 75%
XYZ	44.4079, 43.2447, 50.8191
YIQ	177.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

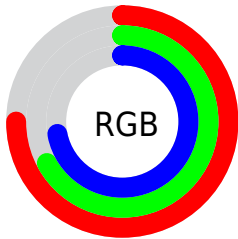
Format	Color
R_{YB}	191, 170, 183
Decimal	12561079
CIE Lab	71.72, 9.87, -3.90
CIE LCh	72, 10.615, 338.470
Yxy	43.2447, 0.3207, 0.3123
Android (android.graphics.Color)	4290751159 (0xFFBFAAB7)
YUV	177.7610, 2.5828, 11.6106
Hunter-Lab	65.7607, 5.4589, 0.2139

Details

The Yxy color **43.2447, 0.3207, 0.3123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.0175, 0.3055, 0.3463**, and the grayscale version is **44.3718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8566, 0.3189, 0.3150**, and **19.9718, 0.3238, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **36.3039, 0.3294, 0.2964**, and if you desaturate by 10%, it is **51.2451, 0.3134, 0.3275**.

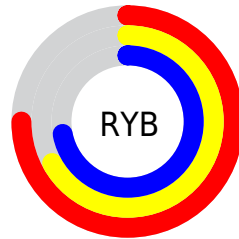
Distribution



Red (75%)

Green (67%)

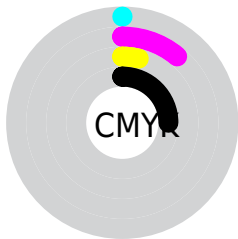
Blue (72%)



Red (75%)

Yellow (67%)

Blue (72%)

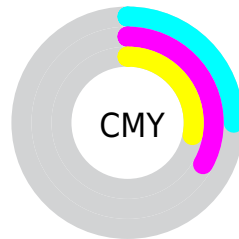


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2447, 0.3207, 0.3123 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 43.2447, 0.3207, 0.3123 by changing the saturation by 10% instead.

 43.2447, 0.3207,
0.3123

 43.2447, 0.3207,
0.3123


359.6171, 0.3167,
0.3207

 30.0772, 0.3217,
0.3102


 80.0800, 0.3193,
0.3153

 19.8972, 0.3230,
0.3075

104.5165, 0.3187,
0.3165

 12.3203, 0.3247,
0.3040

133.4782, 0.3182,
0.3174

 6.9622, 0.3271,
0.2990

167.3494, 0.3179,
0.3183

 3.4385, 0.3306,
0.2915

206.5145, 0.3175,
0.3190

 1.3647, 0.3366,
0.2791

251.3578, 0.3172,

 0.1905, 0.3864,

0.3196

0.1744

302.2639, 0.3169,
0.3202

0.0000, 0.0000,
0.0000

43.2447, 0.3207,
0.3123

43.2447, 0.3207,
0.3123

36.3039, 0.3294,
0.2964

51.2451, 0.3134,
0.3275

30.3722, 0.3397,
0.2801

60.3416, 0.3072,
0.3419

25.4033, 0.3516,
0.2641

70.5760, 0.3021,
0.3552

21.3451, 0.3651,
0.2491

81.9861, 0.2979,
0.3675

18.1406, 0.3803,
0.2361

87.7242, 0.2941,
0.3682

■ 15.7262, 0.3966,
0.2263

■ 88.1150, 0.2903,
0.3600

■ 14.0293, 0.4137,
0.2206

■ 88.5228, 0.2865,
0.3519

■ 12.9640, 0.4309,
0.2200

■ 88.9476, 0.2827,
0.3439

■ 12.3949, 0.4461,
0.2231

■ 89.3896, 0.2791,
0.3361

Harmonies

Analogous

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



43.2447, 0.3053, 0.3049



43.2447, 0.3207, 0.3123



43.2447, 0.3342, 0.3239

Triad

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



43.2447, 0.3207, 0.3123



43.2447, 0.3333, 0.3551



43.2447, 0.2844, 0.3198

Complementary

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



43.2447, 0.3207, 0.3123



49.0175, 0.3055, 0.3463

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.



43.2447, 0.2915, 0.3337



43.2447, 0.3207, 0.3123



43.2447, 0.3196, 0.3545

Square

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



43.2447, 0.3207, 0.3123



43.2447, 0.3416, 0.3485



43.2447, 0.3043, 0.3466



43.2447, 0.2846, 0.3089

Rectangle

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



43.2447, 0.3207, 0.3123



43.2447, 0.3402, 0.3327



43.2447, 0.3043, 0.3466



43.2447, 0.2860, 0.3243

Sweetspot

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



43.2466, 0.3207, 0.3123



88.6806, 0.3148, 0.3245



41.9422, 0.3023, 0.3014



19.2090, 0.3153, 0.3233



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.



43.2466, 0.3207, 0.3123



74.5443, 0.3225, 0.3088



42.8362, 0.3296, 0.3254



9.6332, 0.3194, 0.3149



8.1627, 0.4439, 0.2219



0.3321, 0.4072, 0.2017

Inverse Universe

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



43.2466, 0.3207, 0.3123



74.5443, 0.3225, 0.3088



49.4434, 0.2981, 0.3326



9.6332, 0.3194, 0.3149



8.1627, 0.4439, 0.2219



0.3321, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 43.2447, 0.3207, 0.3123 looks on a white background.

Color Contrast Check

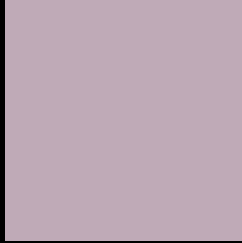
Large Text (above 18pt) WCAG AA × Fail

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 43.2447, 0.3207, 0.3123 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 43.2447, 0.3207, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 43.2447, 0.3207, 0.3123.



This preview shows how white text looks on a background with the Yxy color 43.2447, 0.3207, 0.3123.

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

43.2447, 0.3207, 0.3123

Protanopia

43.4352, 0.3047, 0.3144

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.2447, 0.3207, 0.3123

Trichromacy



Original Color

43.2447, 0.3207, 0.3123

Protanomaly

43.2137, 0.3099, 0.3132

Deuteranomaly

43.4919, 0.3197, 0.3136

Tritanomaly

43.2447, 0.3207, 0.3123

Monochromacy



Original Color

43.2447, 0.3207, 0.3123

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0225, 0.3157, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2447, 0.3207, 0.3123 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(191, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 183)  
}
```

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(191, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.2447, 0.3207, 0.3123 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(191, 170, 183) }
```

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

```
.border{ border-color:rgb(191, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2447, 0.3207, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 183) }
```

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

```
.background{ background-color: rgb(191,  
170, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor