

Converting Colors

$Yxy(44.7706, 0.3211, 0.3188)$

Have a look what the booklet for
Yxy(44.7706, 0.3211, 0.3188)
contains.

Yxy(44.7259, 0.3212, 0.3188)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.7259, 0.3212, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	BFAEB6
RGB	191, 174, 182
RGB Percent	75%, 68%, 71%
CMY	0.2510, 0.3176, 0.2863
CMYK	0.00, 0.09, 0.05, 0.25
HSL	332°, 12%, 72%
HSV	332°, 9%, 75%
XYZ	45.0626, 44.7259, 50.5060
YIQ	179.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

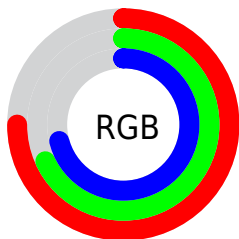
Format	Color
R _Y B	191, 174, 182
Decimal	12562102
CIE Lab	72.71, 7.50, -1.87
CIE LCh	73, 7.733, 346.013
Yxy	44.7259, 0.3212, 0.3188
Android (android.graphics.Color)	4290752182 (0xFFBFAEB6)
YUV	179.9950, 0.9885, 9.6514
Hunter-Lab	66.8774, 3.2394, 2.0382

Details

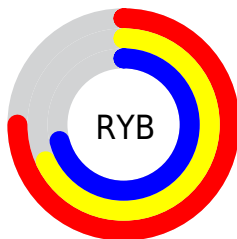
The Yxy color $44.7259, 0.3212, 0.3188$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6775, 0.3050, 0.3394$, and the grayscale version is $45.6307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9858, 0.3193, 0.3200$, and $20.9073, 0.3244, 0.3168$ is the 20% darker color. If you saturate the color by 10%, you get $37.4612, 0.3326, 0.3067$, and if you desaturate by 10%, it is $53.0741, 0.3118, 0.3302$.

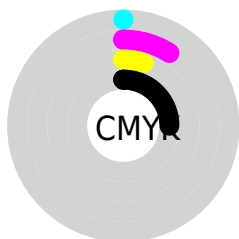
Distribution



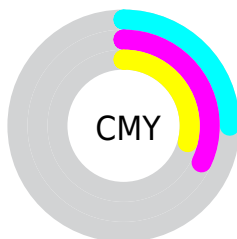
- Red (75%)
- Green (68%)
- Blue (71%)



- Red (75%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (25%)




- Cyan (25%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7259, 0.3212, 0.3188 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 44.7259, 0.3212, 0.3188 by changing the saturation by 10% instead.


 44.7259, 0.3212,
0.3188

 44.7259, 0.3212,
0.3188

365.6623, 0.3170,
0.3239

 31.2416, 0.3223,
0.3175


 82.3089, 0.3197,
0.3207

 20.7829, 0.3236,
0.3159


107.1765, 0.3191,
0.3214

 12.9654, 0.3255,
0.3137


136.6072, 0.3186,
0.3219

 7.4047, 0.3280,
0.3106

170.9854, 0.3182,
0.3224

 3.7165, 0.3319,
0.3061

210.6957, 0.3178,
0.3229

 1.5163, 0.3384,
0.2984

256.1223, 0.3175,

 0.3001, 0.3821,

0.3233

0.2448

307.6497, 0.3172,
0.3236

0.0000, 0.0000,
0.0000

44.7259, 0.3212,
0.3188

44.7259, 0.3212,
0.3188

37.4612, 0.3326,
0.3067

53.0741, 0.3118,
0.3302

31.2295, 0.3463,
0.2942

62.5419, 0.3040,
0.3409

25.9848, 0.3627,
0.2818

73.1713, 0.2975,
0.3507

21.6756, 0.3819,
0.2700

84.9999, 0.2922,
0.3598

18.2455, 0.4039,
0.2598

88.4572, 0.2871,
0.3532

■ 15.6319, 0.4283,
0.2524

■ 89.0515, 0.2819,
0.3420

■ 13.7640, 0.4545,
0.2489

■ 89.6796, 0.2768,
0.3311

■ 12.5586, 0.4809,
0.2506

■ 89.8154, 0.2757,
0.3289

■ 11.8738, 0.5064,
0.2571

Harmonies

Analogous

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



44.7259, 0.3102, 0.3125



44.7259, 0.3212, 0.3188



44.7259, 0.3301, 0.3278

Triad

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



44.7259, 0.3212, 0.3188



44.7259, 0.3254, 0.3481



44.7259, 0.2917, 0.3202

Complementary

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



44.7259, 0.3212, 0.3188



49.6775, 0.3050, 0.3394

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.



44.7259, 0.2956, 0.3299



44.7259, 0.3212, 0.3188



44.7259, 0.3150, 0.3463

Square

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



44.7259, 0.3212, 0.3188



44.7259, 0.3325, 0.3447



44.7259, 0.3041, 0.3396



44.7259, 0.2933, 0.3131

Rectangle

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



44.7259, 0.3212, 0.3188



44.7259, 0.3335, 0.3342



44.7259, 0.3041, 0.3396



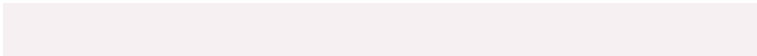
44.7259, 0.2924, 0.3233

Sweetspot

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



44.7279, 0.3212, 0.3188



88.6127, 0.3155, 0.3256



44.0777, 0.3066, 0.3070



19.1902, 0.3162, 0.3246



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.



44.7279, 0.3212, 0.3188



76.9773, 0.3236, 0.3161



44.5168, 0.3279, 0.3294



9.6090, 0.3217, 0.3183



7.7772, 0.5061, 0.2562



0.3179, 0.4504, 0.2255

Inverse Universe

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



44.7279, 0.3212, 0.3188



76.9773, 0.3236, 0.3161



49.8959, 0.2992, 0.3286



9.6090, 0.3217, 0.3183



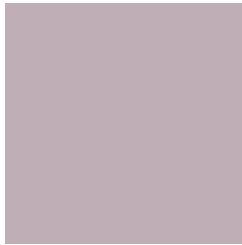
7.7772, 0.5061, 0.2562



0.3179, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 44.7259, 0.3212, 0.3188 looks on a white background.

Color Contrast Check

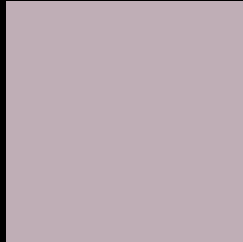
Large Text (above 18pt) WCAG AA × Fail

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 44.7259, 0.3212, 0.3188 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

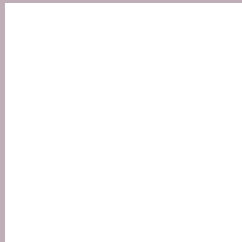
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7259, 0.3212, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 44.7259, 0.3212, 0.3188.



This preview shows how white text looks on a background with the Yxy color 44.7259, 0.3212, 0.3188.

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

44.7259, 0.3212, 0.3188

Protanopia

44.6083, 0.3097, 0.3198

Deuteranopia

44.7339, 0.3240, 0.3176



Tritanopia

44.6815, 0.3180, 0.3112

Trichromacy



Original Color

44.7259, 0.3212, 0.3188

Protanomaly

44.6599, 0.3140, 0.3199

Deuteranomaly

44.6020, 0.3231, 0.3176

Tritanomaly

44.5964, 0.3197, 0.3137

Monochromacy



Original Color

44.7259, 0.3212, 0.3188

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3673, 0.3155, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7259, 0.3212, 0.3188 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, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 174, 182)  
}
```

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, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 174, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.7259, 0.3212, 0.3188 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, 174, 182) }
```

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

```
.border{ border-color:rgb(191, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 174,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7259, 0.3212, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 174, 182) }
```

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

```
.background{ background-color: rgb(191,  
174, 182) }
```

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