

Converting Colors

Yxy(38.4604, 0.3249, 0.2988)

Have a look what the booklet for
Yxy(38.4604, 0.3249, 0.2988)
contains.

Yxy(38.4856, 0.3247, 0.2991)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4856, 0.3247, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	BF9DB4
RGB	191, 157, 180
RGB Percent	75%, 62%, 71%
CMY	0.2510, 0.3843, 0.2941
CMYK	0.00, 0.18, 0.06, 0.25
HSL	319°, 21%, 68%
HSV	319°, 18%, 75%
XYZ	41.7796, 38.4856, 48.4062
YIQ	169.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

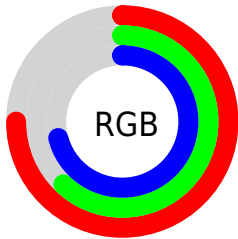
Format	Color
R _Y B	191, 157, 180
Decimal	12557748
CIE Lab	68.38, 16.48, -7.17
CIE LCh	68, 17.967, 336.497
Yxy	38.4856, 0.3247, 0.2991
Android (android.graphics.Color)	4290747828 (0xFFBF9DB4)
YUV	169.7880, 5.0345, 18.6029
Hunter-Lab	62.0368, 11.6492, -2.8372

Details

The Yxy color **38.4856, 0.3247, 0.2991** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2548, 0.3025, 0.3609**, and the grayscale version is **40.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0996, 0.3226, 0.3047**, and **17.1587, 0.3281, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **32.2752, 0.3331, 0.2816**, and if you desaturate by 10%, it is **45.7209, 0.3175, 0.3162**.

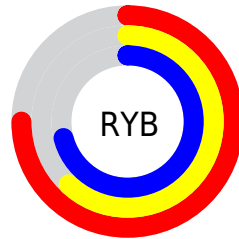
Distribution



Red (75%)

Green (62%)

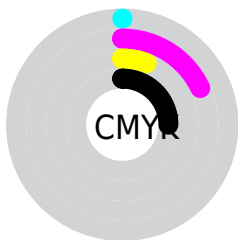
Blue (71%)



Red (75%)

Yellow (62%)

Blue (71%)

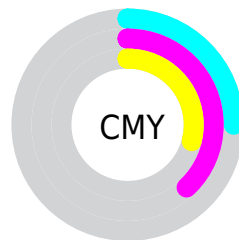


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4856, 0.3247, 0.2991 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 38.4856, 0.3247, 0.2991 by changing the saturation by 10% instead.


 38.4856, 0.3247,
0.2991


 38.4856, 0.3247,
0.2991

339.6985, 0.3187,
0.3142

 26.3598, 0.3262,
0.2953


 72.8518, 0.3225,
0.3046

 17.0930, 0.3282,
0.2904


 95.8610, 0.3217,
0.3067

 10.3008, 0.3307,
0.2838


123.2668, 0.3210,
0.3084

 5.5989, 0.3344,
0.2746

155.4536, 0.3204,
0.3099

 2.6027, 0.3398,
0.2606

192.8058, 0.3199,
0.3112

 0.9280, 0.3489,
0.2371

235.7077, 0.3194,

 0.0000, 0.4312,

0.3123

0.0000

284.5438, 0.3190,
0.3133

0.0000, 0.0000,
0.0000

38.4856, 0.3247,
0.2991

38.4856, 0.3247,
0.2991

32.2752, 0.3331,
0.2816

45.7209, 0.3175,
0.3162

27.0376, 0.3428,
0.2641

54.0198, 0.3115,
0.3325

22.7239, 0.3538,
0.2475

63.4253, 0.3064,
0.3478

19.2789, 0.3661,
0.2326

73.9767, 0.3021,
0.3621

16.6413, 0.3793,
0.2206

85.7110, 0.2986,
0.3752

■ 14.7419, 0.3931,
0.2125

■ 87.6088, 0.2953,
0.3707

■ 13.4999, 0.4071,
0.2090

■ 87.9365, 0.2920,
0.3637

■ 12.7942, 0.4208,
0.2103

■ 88.2763, 0.2887,
0.3568

■ 12.6662, 0.4238,
0.2108

■ 88.6285, 0.2855,
0.3499

Harmonies

Analogous

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



38.4856, 0.2976, 0.2871



38.4856, 0.3247, 0.2991



38.4856, 0.3494, 0.3183

Triad

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



38.4856, 0.3247, 0.2991



38.4856, 0.3501, 0.3746



38.4856, 0.2640, 0.3136

Complementary

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



38.4856, 0.3247, 0.2991



47.2548, 0.3025, 0.3609

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.



38.4856, 0.2768, 0.3387



38.4856, 0.3247, 0.2991



38.4856, 0.3262, 0.3753

Square

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



38.4856, 0.3247, 0.2991



38.4856, 0.3642, 0.3614



38.4856, 0.2994, 0.3620



38.4856, 0.2635, 0.2943

Rectangle

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



38.4856, 0.3247, 0.2991



38.4856, 0.3606, 0.3332



38.4856, 0.2994, 0.3620



38.4856, 0.2669, 0.3217

Sweetspot

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



38.4873, 0.3247, 0.2991



85.7367, 0.3158, 0.3207



36.1773, 0.2934, 0.2826



18.6028, 0.3162, 0.3195



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.



38.4873, 0.3247, 0.2991



64.7945, 0.3275, 0.2929



37.8449, 0.3406, 0.3208



9.6423, 0.3186, 0.3136



8.3400, 0.4221, 0.2099



0.3382, 0.3923, 0.1935

Inverse Universe

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



38.4873, 0.3247, 0.2991



64.7945, 0.3275, 0.2929



47.9204, 0.2906, 0.3374



9.6423, 0.3186, 0.3136



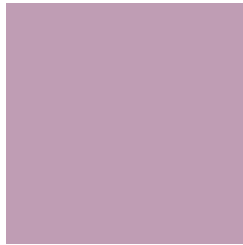
8.3400, 0.4221, 0.2099



0.3382, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 38.4856, 0.3247, 0.2991 looks on a white background.

Color Contrast Check

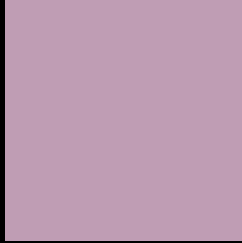
Large Text (above 18pt) WCAG AA × Fail

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 38.4856, 0.3247, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

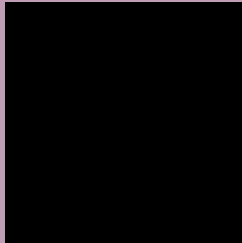
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4856, 0.3247, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 38.4856, 0.3247, 0.2991.



This preview shows how white text looks on a background with the Yxy color 38.4856, 0.3247, 0.2991.

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

38.4856, 0.3247, 0.2991

Protanopia

38.6677, 0.2951, 0.3027

Deuteranopia

38.5603, 0.3129, 0.3061



Tritanopia

38.6837, 0.3318, 0.3132

Trichromacy



Original Color

38.4856, 0.3247, 0.2991

Protanomaly

38.6120, 0.3057, 0.3019

Deuteranomaly

38.4636, 0.3177, 0.3037

Tritanomaly

38.4569, 0.3292, 0.3080

Monochromacy



Original Color

38.4856, 0.3247, 0.2991

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4312, 0.3170, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4856, 0.3247, 0.2991 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, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 157, 180)  
}
```

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, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 157, 180) }
```

Border

The CSS property to change the border of an element to Yxy 38.4856, 0.3247, 0.2991 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, 157, 180) }
```

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

```
.border{ border-color:rgb(191, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 157,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4856, 0.3247, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 157, 180) }
```

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

```
.background{ background-color: rgb(191,  
157, 180) }
```

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