

Converting Colors

$Yxy(32.2467, 0.3845, 0.3613)$

Have a look what the booklet for
Yxy(32.2467, 0.3845, 0.3613)
contains.

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Color

Yxy(32.3473, 0.3838, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	BC917A
RGB	188, 145, 122
RGB Percent	74%, 57%, 48%
CMY	0.2627, 0.4314, 0.5215
CMYK	0.00, 0.23, 0.35, 0.26
HSL	21°, 33%, 61%
HSV	21°, 35%, 74%
XYZ	34.3808, 32.3473, 22.8518
YIQ	155.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

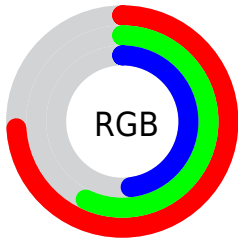
Format	Color
R_{YB}	188, 157, 122
Decimal	12358010
CIE _{Lab}	63.63, 13.03, 18.44
CIE _{LCh}	64, 22.575, 54.753
Yxy	32.3473, 0.3838, 0.3611
Android (android.graphics.Color)	4290548090 (0xFFBC917A)
YUV	155.2350, -16.3849, 28.7349
Hunter-Lab	56.8747, 8.3726, 15.9900

Details

The Yxy color **32.3473, 0.3838, 0.3611** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6956, 0.2592, 0.2942**, and the grayscale version is **32.9527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3545, 0.3687, 0.3549**, and **13.4730, 0.4079, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **28.3812, 0.4117, 0.3703**, and if you desaturate by 10%, it is **36.8107, 0.3595, 0.3516**.

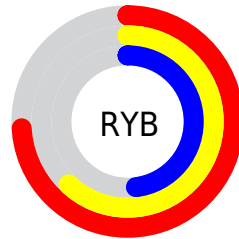
Distribution



Red (74%)

Green (57%)

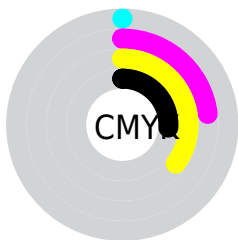
Blue (48%)



Red (74%)

Yellow (62%)

Blue (48%)

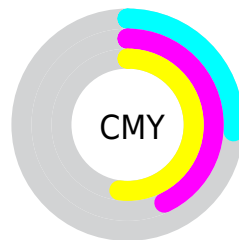


Cyan (0%)

Magenta (23%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3473, 0.3838, 0.3611 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 32.3473, 0.3838, 0.3611 by changing the saturation by 10% instead.


 32.3473, 0.3838,
0.3611


 32.3473, 0.3838,
0.3611


312.6983, 0.3458,
0.3451

 21.6269, 0.3941,
0.3650


 63.3551, 0.3694,
0.3553

 13.5830, 0.4077,
0.3698


 84.4114, 0.3642,
0.3532

 7.8312, 0.4265,
0.3758


 109.6817, 0.3599,
0.3513

 3.9871, 0.4542,
0.3833

139.5505, 0.3562,
0.3497

 1.6664, 0.5120,
0.4025

174.4022, 0.3530,
0.3483

 0.4017, 0.6353,
0.3647

214.6211, 0.3503,

 0.0000, 0.0000,

0.3471

0.0000

260.5917, 0.3479,
0.3460

■ 32.3473, 0.3838,
0.3611

■ 32.3473, 0.3838,
0.3611

■ 28.3812, 0.4117,
0.3703

■ 36.8107, 0.3595,
0.3516

■ 24.8898, 0.4430,
0.3785

■ 41.7839, 0.3386,
0.3422

■ 21.8555, 0.4768,
0.3845

■ 47.2845, 0.3207,
0.3333

■ 19.2577, 0.5113,
0.3872

■ 53.3279, 0.3056,
0.3250

■ 17.0739, 0.5440,
0.3854

■ 59.9287, 0.2927,
0.3173

■ 15.2786, 0.5719,
0.3786

■ 67.1013, 0.2817,
0.3103

■ 14.5258, 0.5841,
0.3744

■ 74.8592, 0.2724,
0.3039

■ 82.0412, 0.2729,
0.3160

■ 89.4330, 0.2742,
0.3289

Harmonies

Analogous

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



32.3473, 0.3758, 0.3322



32.3473, 0.3838, 0.3611



32.3473, 0.3716, 0.3840

Triad

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



32.3473, 0.3838, 0.3611



32.3473, 0.2754, 0.3551



32.3473, 0.2799, 0.2714

Complementary

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



32.3473, 0.3838, 0.3611



34.6956, 0.2592, 0.2942

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.



32.3473, 0.2558, 0.2740



32.3473, 0.3838, 0.3611



32.3473, 0.2533, 0.3205

Square

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



32.3473, 0.3838, 0.3611



32.3473, 0.3083, 0.3827



32.3473, 0.2464, 0.2911



32.3473, 0.3140, 0.2824

Rectangle

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



32.3473, 0.3838, 0.3611



32.3473, 0.3542, 0.3920



32.3473, 0.2464, 0.2911



32.3473, 0.2704, 0.2707

Sweetspot

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



32.3488, 0.3838, 0.3611



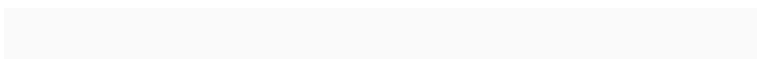
79.5049, 0.3312, 0.3387



27.3721, 0.3408, 0.2697



16.8120, 0.3337, 0.3399



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.



32.3488, 0.3838, 0.3611



53.0814, 0.4047, 0.3682



43.5488, 0.3693, 0.4023



10.0650, 0.3280, 0.3370



10.0154, 0.5818, 0.3762



0.5166, 0.5351, 0.4133

Inverse Universe

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



34.6956, 0.2592, 0.2942



57.9338, 0.2482, 0.2853



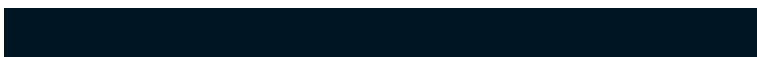
24.5523, 0.2524, 0.2430



10.2351, 0.2985, 0.3208



12.1846, 0.1923, 0.2123



0.5953, 0.2010, 0.2435

Previews

White Background



This preview shows how the Yxy color 32.3473, 0.3838, 0.3611 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 32.3473, 0.3838, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

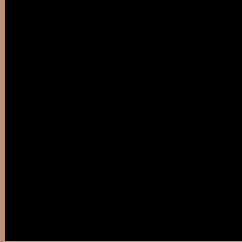
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3473, 0.3838, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 32.3473, 0.3838, 0.3611.



This preview shows how white text looks on a background with the Yxy color 32.3473, 0.3838, 0.3611.

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

32.3473, 0.3838, 0.3611

Protanopia

32.4041, 0.3488, 0.3715

Deuteranopia

32.2636, 0.3747, 0.3678



Tritanopia

32.3931, 0.3558, 0.3142

Trichromacy



Original Color

32.3473, 0.3838, 0.3611

Protanomaly

32.3845, 0.3606, 0.3674

Deuteranomaly

32.3152, 0.3784, 0.3660

Tritanomaly

32.2162, 0.3664, 0.3305

Monochromacy



Original Color

32.3473, 0.3838, 0.3611

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3319, 0.3370, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3473, 0.3838, 0.3611 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, 145, 122)` looks like.

```
.text, #text, p{  
  color:rgb(188, 145, 122)  
}
```

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, 145, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 122) }
```

Border

The CSS property to change the border of an element to Yxy 32.3473, 0.3838, 0.3611 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, 145, 122) }
```

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

```
.border{ border-color:rgb(188, 145, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 122);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3473, 0.3838, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 122) }
```

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

```
.background{ background-color: rgb(188,  
145, 122) }
```

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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