

Converting Colors

$Yxy(32.2822, 0.3830, 0.3627)$

Have a look what the booklet for
Yxy(32.2822, 0.3830, 0.3627)
contains.

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Color

Yxy(32.1961, 0.3838, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	BB9179
RGB	187, 145, 121
RGB Percent	73%, 57%, 47%
CMY	0.2667, 0.4313, 0.5256
CMYK	0.00, 0.22, 0.35, 0.27
HSL	22°, 33%, 60%
HSV	22°, 35%, 73%
XYZ	34.0691, 32.1961, 22.5027
YIQ	154.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

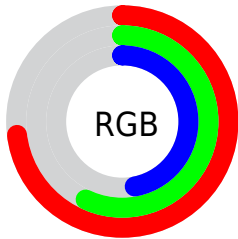
Format	Color
RYB	187, 159, 121
Decimal	12292473
CIELab	63.50, 12.48, 18.83
CIElCh	64, 22.593, 56.457
Yxy	32.1961, 0.3838, 0.3627
Android (android.graphics.Color)	4290482553 (0xFFBB9179)
YUV	154.8220, -16.6742, 28.2201
Hunter-Lab	56.7416, 7.8781, 16.2058

Details

The Yxy color **32.1961, 0.3838, 0.3627** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8378, 0.2587, 0.2923**, and the grayscale version is **32.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0971, 0.3695, 0.3572**, and **13.3788, 0.4079, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **28.3353, 0.4114, 0.3723**, and if you desaturate by 10%, it is **36.5296, 0.3597, 0.3528**.

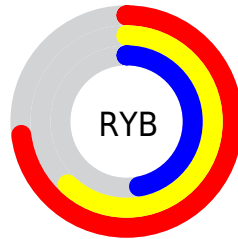
Distribution



Red (73%)

Green (57%)

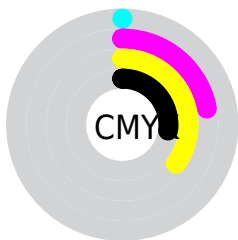
Blue (47%)



Red (73%)

Yellow (62%)

Blue (47%)

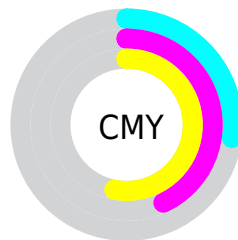


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1961, 0.3838, 0.3627 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 32.1961, 0.3838, 0.3627 by changing the saturation by 10% instead.


 32.1961, 0.3838,
0.3627


 32.1961, 0.3838,
0.3627


312.0116, 0.3458,
0.3458

 21.5113, 0.3941,
0.3668


 63.1184, 0.3694,
0.3566

 13.4983, 0.4077,
0.3719


 84.1247, 0.3642,
0.3543

 7.7725, 0.4265,
0.3784


 109.3403, 0.3599,
0.3524

 3.9498, 0.4542,
0.3865

139.1496, 0.3562,
0.3507

 1.6455, 0.5142,
0.4085

173.9370, 0.3530,
0.3492

 0.3880, 0.6345,
0.3655

214.0868, 0.3503,

 0.0000, 0.0000,

0.3479

0.0000

259.9836, 0.3479,
0.3468

■ 32.1961, 0.3838,
0.3627

■ 32.1961, 0.3838,
0.3627

■ 28.3353, 0.4114,
0.3723

■ 36.5296, 0.3597,
0.3528

■ 24.9257, 0.4422,
0.3808

■ 41.3470, 0.3389,
0.3430

■ 21.9509, 0.4753,
0.3872


■ 46.6650, 0.3211,
0.3337


■ 19.3917, 0.5090,
0.3901

■ 52.4981, 0.3059,
0.3250

■ 17.2270, 0.5410,
0.3885

■ 58.8599, 0.2930,
0.3170

 15.4330, 0.5682,
0.3818

 65.7638, 0.2819,
0.3096

 14.7047, 0.5798,
0.3778

 73.2226, 0.2724,
0.3029

 80.2037, 0.2721,
0.3128

 87.4451, 0.2733,
0.3258

Harmonies

Analogous

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



32.1961, 0.3769, 0.3339



32.1961, 0.3838, 0.3627



32.1961, 0.3705, 0.3850

Triad

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



32.1961, 0.3838, 0.3627



32.1961, 0.2737, 0.3533



32.1961, 0.2815, 0.2716

Complementary

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



32.1961, 0.3838, 0.3627



33.8378, 0.2587, 0.2923

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.



32.1961, 0.2566, 0.2733



32.1961, 0.3838, 0.3627



32.1961, 0.2523, 0.3186

Square

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



32.1961, 0.3838, 0.3627



32.1961, 0.3062, 0.3817



32.1961, 0.2463, 0.2897



32.1961, 0.3161, 0.2833

Rectangle

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



32.1961, 0.3838, 0.3627



32.1961, 0.3525, 0.3925



32.1961, 0.2463, 0.2897



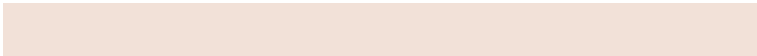
32.1961, 0.2719, 0.2706

Sweetspot

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



32.1976, 0.3838, 0.3627



77.8713, 0.3312, 0.3391



26.9122, 0.3422, 0.2707



16.8675, 0.3337, 0.3404



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.



32.1976, 0.3838, 0.3627



52.4837, 0.4038, 0.3699



43.4273, 0.3692, 0.4040



10.0895, 0.3279, 0.3374



10.2583, 0.5776, 0.3796



0.5276, 0.5317, 0.4160

Inverse Universe

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



33.8378, 0.2587, 0.2923



55.8160, 0.2479, 0.2832



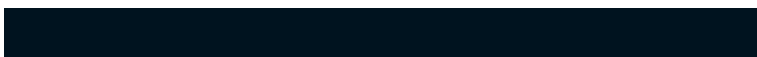
23.8538, 0.2518, 0.2407



10.2097, 0.2985, 0.3205



11.6959, 0.1908, 0.2068



0.5785, 0.1998, 0.2394

Previews

White Background



This preview shows how the Yxy color 32.1961, 0.3838, 0.3627 looks on a white background.

Color Contrast Check

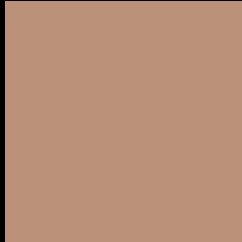
Large Text (above 18pt) WCAG AA × Fail

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 32.1961, 0.3838, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

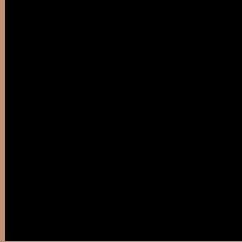
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1961, 0.3838, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 32.1961, 0.3838, 0.3627.



This preview shows how white text looks on a background with the Yxy color 32.1961, 0.3838, 0.3627.

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

32.1961, 0.3838, 0.3627

Protanopia

32.3784, 0.3498, 0.3731

Deuteranopia

32.2392, 0.3757, 0.3693



Tritanopia

32.2639, 0.3547, 0.3141

Trichromacy



Original Color

32.1961, 0.3838, 0.3627

Protanomaly

32.3591, 0.3616, 0.3689

Deuteranomaly

32.2908, 0.3795, 0.3674

Tritanomaly

32.0879, 0.3653, 0.3305

Monochromacy



Original Color

32.1961, 0.3838, 0.3627

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 32.1961, 0.3838, 0.3627 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, 145, 121)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 121)  
}
```

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, 145, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 121) }
```

Border

The CSS property to change the border of an element to Yxy 32.1961, 0.3838, 0.3627 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, 145, 121) }
```

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

```
.border{ border-color:rgb(187, 145, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 145, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 145, 121);  
box-shadow:4px 4px 4px 4px rgb(187, 145,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1961, 0.3838, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 121) }
```

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

```
.background{ background-color: rgb(187,  
145, 121) }
```

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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