

Converting Colors

$Y_{xy}(32.2918, 0.4038, 0.3920)$

Have a look what the booklet for
Yxy(32.2918, 0.4038, 0.3920)
contains.

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Color

Yxy(32.3718, 0.4036, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	BB9365
RGB	187, 147, 101
RGB Percent	73%, 58%, 40%
CMY	0.2666, 0.4235, 0.6039
CMYK	0.00, 0.21, 0.46, 0.27
HSL	32°, 39%, 56%
HSV	32°, 46%, 73%
XYZ	33.2788, 32.3718, 16.8043
YIQ	153.7160, 38.6060, -5.8260

Conversions

Conversions Part 2

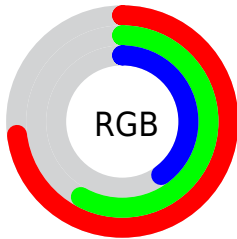
Format	Color
RYB	176, 187, 101
Decimal	12292965
CIELab	63.65, 9.09, 30.05
CIELCh	64, 31.392, 73.161
Yxy	32.3718, 0.4036, 0.3926
Android (android.graphics.Color)	4290483045 (0xFFBB9365)
YUV	153.7160, -25.9890, 29.1901
Hunter-Lab	56.8962, 4.8369, 22.3160

Details

The Yxy color **32.3718, 0.4036, 0.3926** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.4078, 0.2388, 0.2542**, and the grayscale version is **32.2882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4857, 0.3855, 0.3807**, and **13.7120, 0.4321, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **29.4433, 0.4287, 0.4051**, and if you desaturate by 10%, it is **35.5914, 0.3800, 0.3788**.

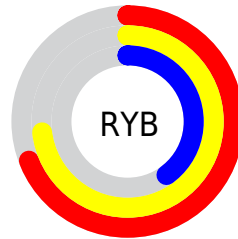
Distribution



Red (73%)

Green (58%)

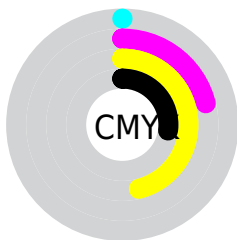
Blue (40%)



Red (69%)

Yellow (73%)

Blue (40%)

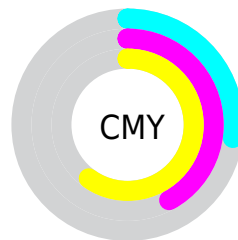


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3718, 0.4036, 0.3926 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 32.3718, 0.4036, 0.3926 by changing the saturation by 10% instead.


 32.3718, 0.4036,
0.3926


 32.3718, 0.4036,
0.3926


312.8095, 0.3557,
0.3606


 21.6456, 0.4161,
0.4002


 63.3935, 0.3858,
0.3811

 13.5968, 0.4322,
0.4097


 84.4578, 0.3792,
0.3768

 7.8407, 0.4535,
0.4211


 109.7370, 0.3737,
0.3730

 3.9932, 0.4832,
0.4351

 139.6154, 0.3690,
0.3699

 1.6698, 0.5388,
0.4612

174.4775, 0.3650,
0.3671

 0.4040, 0.6000,
0.4000

214.7076, 0.3615,

 0.0000, 0.0000,

0.3647

0.0000

260.6901, 0.3584,
0.3625

■ 32.3718, 0.4036,
0.3926

■ 32.3718, 0.4036,
0.3926

■ 29.4433, 0.4287,
0.4051

■ 35.5914, 0.3800,
0.3788

■ 26.7911, 0.4546,
0.4151

■ 39.1071, 0.3585,
0.3645

■ 24.4057, 0.4799,
0.4214

■ 42.9294, 0.3392,
0.3504

■ 22.2746, 0.5032,
0.4229

■ 47.0668, 0.3220,
0.3368

■ 20.3834, 0.5231,
0.4191

■ 51.5275, 0.3069,
0.3240

■ 19.6844, 0.5306,
0.4169

■ 56.3193, 0.2937,
0.3120

■ 61.4496, 0.2821,
0.3010

■ 66.9257, 0.2719,
0.2909

■ 71.7984, 0.2705,
0.2962

Harmonies

Analogous

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



32.3718, 0.4109, 0.3562



32.3718, 0.4036, 0.3926



32.3718, 0.3712, 0.4160

Triad

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



32.3718, 0.4036, 0.3926



32.3718, 0.2406, 0.3349



32.3718, 0.2947, 0.2584

Complementary

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



32.3718, 0.4036, 0.3926



25.4078, 0.2388, 0.2542

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.



32.3718, 0.2527, 0.2499



32.3718, 0.4036, 0.3926



32.3718, 0.2236, 0.2893

Square

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



32.3718, 0.4036, 0.3926



32.3718, 0.2768, 0.3833



32.3718, 0.2279, 0.2599



32.3718, 0.3451, 0.2823

Rectangle

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



32.3718, 0.4036, 0.3926



32.3718, 0.3409, 0.4183



32.3718, 0.2279, 0.2599



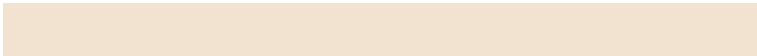
32.3718, 0.2792, 0.2537

Sweetspot

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



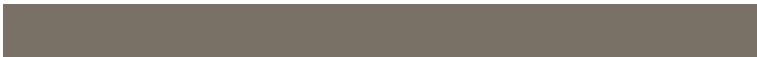
32.3733, 0.4036, 0.3926



78.1424, 0.3360, 0.3479



21.8001, 0.3763, 0.2737



16.8660, 0.3399, 0.3509



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.



32.3733, 0.4036, 0.3926



52.7770, 0.4284, 0.4049



46.6956, 0.3772, 0.4412



10.3585, 0.3275, 0.3413



13.7060, 0.5289, 0.4182



0.6666, 0.4959, 0.4444

Inverse Universe

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



25.4078, 0.2388, 0.2542



38.8013, 0.2232, 0.2345



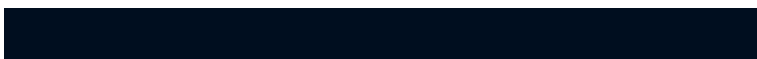
15.8294, 0.2294, 0.1880



9.9372, 0.2984, 0.3164



7.3094, 0.1746, 0.1484



0.4173, 0.1873, 0.1943

Previews

White Background



This preview shows how the Yxy color 32.3718, 0.4036, 0.3926 looks on a white background.

Color Contrast Check

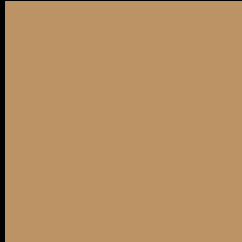
Large Text (above 18pt) WCAG AA × Fail

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 32.3718, 0.4036, 0.3926 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 32.3718, 0.4036, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 32.3718, 0.4036, 0.3926.



This preview shows how white text looks on a background with the Yxy color 32.3718, 0.4036, 0.3926.

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

32.3718, 0.4036, 0.3926

Protanopia

32.3262, 0.3745, 0.4037

Deuteranopia

32.5585, 0.4018, 0.3942



Tritanopia

32.4906, 0.3579, 0.3156

Trichromacy



Original Color

32.3718, 0.4036, 0.3926

Protanomaly

32.1112, 0.3848, 0.3990

Deuteranomaly

32.5585, 0.4018, 0.3942

Tritanomaly

32.2855, 0.3749, 0.3430

Monochromacy



Original Color

32.3718, 0.4036, 0.3926

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.9895, 0.3440, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3718, 0.4036, 0.3926 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, 147, 101)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 101)  
}
```

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, 147, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 101) }
```

Border

The CSS property to change the border of an element to Yxy 32.3718, 0.4036, 0.3926 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, 147, 101) }
```

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

```
.border{ border-color:rgb(187, 147, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 147, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 147, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 147, 101);  
box-shadow:4px 4px 4px 4px rgb(187, 147,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3718, 0.4036, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 101) }
```

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

```
.background{ background-color: rgb(187,  
147, 101) }
```

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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