

Converting Colors

$Y_{xy}(32.6974, 0.4099, 0.4013)$

Have a look what the booklet for
Yxy(32.6974, 0.4099, 0.4013)
contains.

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Color

Yxy(32.6974, 0.4099, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	BC945F
RGB	188, 148, 95
RGB Percent	74%, 58%, 37%
CMY	0.2627, 0.4196, 0.6274
CMYK	0.00, 0.21, 0.49, 0.26
HSL	34°, 41%, 55%
HSV	34°, 49%, 74%
XYZ	33.3981, 32.6974, 15.3832
YIQ	153.9180, 40.8530, -8.0030

Conversions

Conversions Part 2

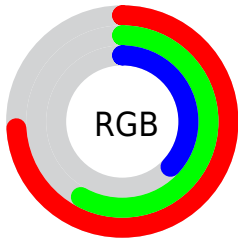
Format	Color
RYB	165, 188, 95
Decimal	12358751
CIELab	63.92, 8.37, 33.62
CIELCh	64, 34.645, 76.024
Yxy	32.6974, 0.4099, 0.4013
Android (android.graphics.Color)	4290548831 (0xFFBC945F)
YUV	153.9180, -29.0466, 29.8899
Hunter-Lab	57.1816, 4.1887, 24.0768

Details

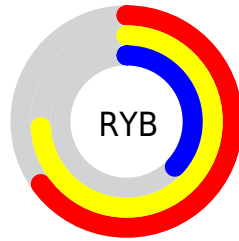
The Yxy color **32.6974, 0.4099, 0.4013** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.4057, 0.2321, 0.2418**, and the grayscale version is **32.3955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9092, 0.3913, 0.3888**, and **13.6602, 0.4396, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **29.9470, 0.4342, 0.4138**, and if you desaturate by 10%, it is **35.7109, 0.3866, 0.3870**.

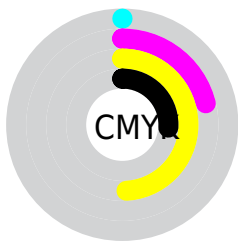
Distribution



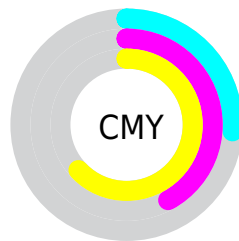
- Red (74%)
- Green (58%)
- Blue (37%)



- Red (65%)
- Yellow (74%)
- Blue (37%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (26%)




- Cyan (26%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6974, 0.4099, 0.4013 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 32.6974, 0.4099, 0.4013 by changing the saturation by 10% instead.

 32.6974, 0.4099,
0.4013


 32.6974, 0.4099,
0.4013

314.2840, 0.3591,
0.3651

 21.8947, 0.4229,
0.4098


 63.9028, 0.3911,
0.3884

 13.7796, 0.4394,
0.4202


 85.0743, 0.3841,
0.3835

 7.9675, 0.4609,
0.4325


 110.4709, 0.3783,
0.3793

 4.0742, 0.4922,
0.4491

 140.4770, 0.3733,
0.3756

 1.7151, 0.5344,
0.4656

175.4770, 0.3690,
0.3725

 0.4334, 0.5871,
0.4129

215.8552, 0.3652,

 0.0000, 0.0000,

0.3697

0.0000

261.9961, 0.3620,
0.3673

■ 32.6974, 0.4099,
0.4013

■ 32.6974, 0.4099,
0.4013

■ 29.9470, 0.4342,
0.4138

■ 35.7109, 0.3866,
0.3870

■ 27.4454, 0.4585,
0.4234

■ 38.9917, 0.3650,
0.3720

■ 25.1835, 0.4816,
0.4289


■ 42.5498, 0.3453,
0.3569


■ 23.1495, 0.5021,
0.4294

■ 46.3931, 0.3276,
0.3422

■ 21.3243, 0.5196,
0.4251

■ 50.5291, 0.3119,
0.3283

 21.2303, 0.5206,
0.4249

 54.9649, 0.2980,
0.3152

 59.7075, 0.2858,
0.3031

 64.7635, 0.2751,
0.2920

 69.5297, 0.2706,
0.2912

Harmonies

Analogous

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



32.6974, 0.4214, 0.3620



32.6974, 0.4099, 0.4013



32.6974, 0.3720, 0.4258

Triad

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



32.6974, 0.4099, 0.4013



32.6974, 0.2311, 0.3298



32.6974, 0.2978, 0.2540

Complementary

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



32.6974, 0.4099, 0.4013



23.4057, 0.2321, 0.2418

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.



32.6974, 0.2507, 0.2429



32.6974, 0.4099, 0.4013



32.6974, 0.2150, 0.2810

Square

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



32.6974, 0.4099, 0.4013



32.6974, 0.2686, 0.3845



32.6974, 0.2219, 0.2513



32.6974, 0.3534, 0.2812

Rectangle

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



32.6974, 0.4099, 0.4013



32.6974, 0.3380, 0.4270



32.6974, 0.2219, 0.2513



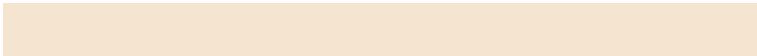
32.6974, 0.2805, 0.2483

Sweetspot

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



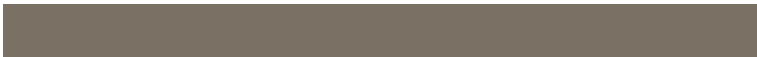
32.6990, 0.4099, 0.4013



79.9719, 0.3376, 0.3506



20.6406, 0.3879, 0.2739



16.8862, 0.3414, 0.3538



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.



32.6990, 0.4099, 0.4013



54.0243, 0.4354, 0.4144



46.7221, 0.3786, 0.4501



10.4141, 0.3275, 0.3421



14.6022, 0.5189, 0.4262



0.6995, 0.4890, 0.4499

Inverse Universe

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



23.4057, 0.2321, 0.2418



35.3361, 0.2155, 0.2191



14.6002, 0.2248, 0.1768



9.8824, 0.2984, 0.3156



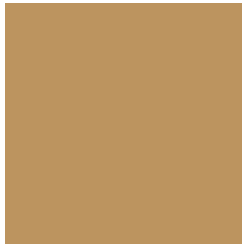
6.6108, 0.1715, 0.1375



0.3890, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 32.6974, 0.4099, 0.4013 looks on a white background.

Color Contrast Check

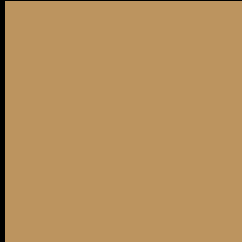
Large Text (above 18pt) WCAG AA × Fail

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 32.6974, 0.4099, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

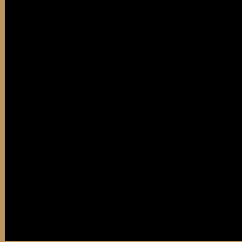
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6974, 0.4099, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 32.6974, 0.4099, 0.4013.



This preview shows how white text looks on a background with the Yxy color 32.6974, 0.4099, 0.4013.

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

32.6974, 0.4099, 0.4013

Protanopia

32.7595, 0.3818, 0.4130

Deuteranopia

32.6974, 0.4099, 0.4013



Tritanopia

32.6542, 0.3579, 0.3143

Trichromacy



Original Color

32.6974, 0.4099, 0.4013

Protanomaly

32.5496, 0.3922, 0.4080

Deuteranomaly

32.6974, 0.4099, 0.4013

Tritanomaly

32.6616, 0.3778, 0.3470

Monochromacy



Original Color

32.6974, 0.4099, 0.4013

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.2569, 0.3457, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6974, 0.4099, 0.4013 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, 148, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 148, 95)  
}
```

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, 148, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 148, 95) }
```

Border

The CSS property to change the border of an element to Yxy 32.6974, 0.4099, 0.4013 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, 148, 95) }
```

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

```
.border{ border-color:rgb(188, 148, 95) }
```

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

Here you see how a box with a 4 pixel rgb(188, 148, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 148, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 148, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 148,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.6974, 0.4099, 0.4013$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 148, 95) }
```

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

```
.background{ background-color: rgb(188,  
148, 95) }
```

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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