

Converting Colors

XYZ(33.0569, 32.3987, 10.4725)

Have a look what the booklet for
XYZ(33.0569, 32.3987, 10.4725)
contains.

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Color

**XYZ(33.0569, 32.3987,
10.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9347
RGB	191, 147, 71
RGB Percent	75%, 58%, 28%
CMY	0.2510, 0.4235, 0.7216
CMYK	0.00, 0.23, 0.63, 0.25
HSL	38°, 48%, 51%
HSV	38°, 63%, 75%
XYZ	33.0569, 32.3987, 10.4725
YIQ	151.4920, 50.6200, -14.3080

Conversions

Conversions Part 2

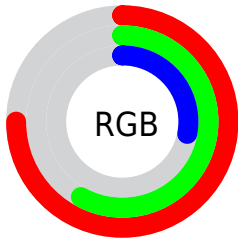
Format	Color
RYB	140, 191, 71
Decimal	12555079
CIELab	63.67, 8.21, 45.73
CIELCh	64, 46.461, 79.817
Yxy	32.3987, 0.4354, 0.4267
Android (android.graphics.Color)	4290745159 (0xFFBF9347)
YUV	151.4920, -39.6826, 34.6485
Hunter-Lab	56.9199, 4.0563, 28.9353

Details

The XYZ color **33.0569, 32.3987, 10.4725** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **18.1330, 17.3619, 51.6855**, and the grayscale version is **29.7770, 31.3277, 34.1159**.

A 20% lighter version of the original color is **63.8238, 63.5024, 27.3057**, and **14.2325, 13.6682, 2.5499** is the 20% darker color. If you saturate the color by 10%, you get **31.4818, 30.0803, 7.3841**, and if you desaturate by 10%, it is **34.8924, 34.9300, 14.5988**.

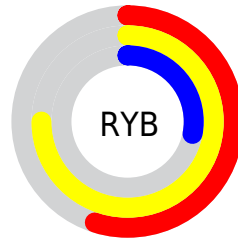
Distribution



Red (75%)

Green (58%)

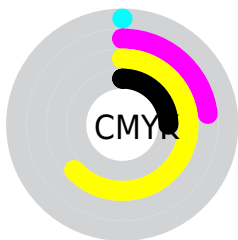
Blue (28%)



Red (55%)

Yellow (75%)

Blue (28%)

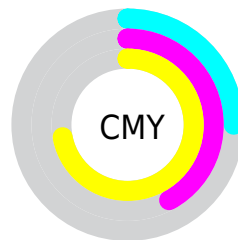


Cyan (0%)

Magenta (23%)

Yellow (63%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0569, 32.3987, 10.4725 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 XYZ color 33.0569, 32.3987, 10.4725 by changing the saturation by 10% instead.


 33.0569, 32.3987,
10.4725


 33.0569, 32.3987,
10.4725


307.5665,
312.9315, 204.6177

 22.3295, 21.6662,
5.6037


 63.8184, 63.4356,
27.3021


 14.2172, 13.6118,
2.5408


 84.5833, 84.5088,
40.0999


 8.3546, 7.8512,
0.8616


 109.4246,
109.7977, 56.3779

 4.3764, 3.9999,
0.0000

 138.7078,
139.6867, 76.5544

 1.9172, 1.6735,
0.0000

 172.7983,
174.5602, 101.0482

 0.5868, 0.4064,
0.0000

212.0613,

 0.0000, 0.0000,

214.8025, 130.2776

0.0000

256.8623,
260.7982, 164.6613

■ 33.0569, 32.3987,
10.4725

■ 33.0569, 32.3987,
10.4725

■ 31.4818, 30.0803,
7.3841

■ 34.8924, 34.9300,
14.5988

■ 30.1450, 27.9600,
5.2324

■ 37.0036, 37.6781,
19.8474

■ 29.0235, 26.0282,
3.8992

■ 39.4070, 40.6528,
26.2962

■ 28.3199, 24.7447,
3.2836

■ 42.1168, 43.8615,
34.0157

■ 45.1465, 47.3112,
43.0707

■ 48.5084, 51.0086,
53.5217

■ 52.2144, 54.9600,
65.4254

■ 56.2755, 59.1714,
78.8353

■ 60.7022, 63.6487,
93.8023

Harmonies

Analogous

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



39.5830, 32.3987, 14.3875



33.0569, 32.3987, 10.4725



26.7481, 32.3987, 11.1803

Triad

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



33.0569, 32.3987, 10.4725



20.4687, 32.3987, 48.8567



41.3638, 32.3987, 63.7799

Complementary

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



33.0569, 32.3987, 10.4725



18.1330, 17.3619, 51.6855

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.



35.2286, 32.3987, 80.8042



33.0569, 32.3987, 10.4725



23.4130, 32.3987, 70.2992

Square

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



33.0569, 32.3987, 10.4725



20.0576, 32.3987, 29.3193



28.6368, 32.3987, 83.5383



44.8066, 32.3987, 41.9909

Rectangle

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



33.0569, 32.3987, 10.4725



23.4640, 32.3987, 14.3069



28.6368, 32.3987, 83.5383



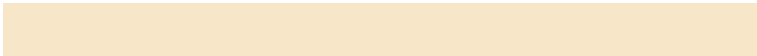
39.5108, 32.3987, 70.5320

Sweetspot

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



33.0577, 32.4003, 10.4731



77.2782, 80.6848, 66.3612



26.8337, 16.8209, 18.0525



16.6353, 17.3328, 13.5862



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.0577, 32.4003, 10.4731



55.5339, 52.5588, 11.7520



37.4473, 46.8303, 13.0271



10.0201, 10.5163, 10.0784



18.6905, 16.4197, 2.1842



0.7925, 0.7639, 0.1057

Inverse Universe

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



18.1330, 17.3619, 51.6855



26.7819, 23.6818, 91.4386



15.5879, 10.2946, 50.4555



9.2952, 9.7828, 12.0706



7.6914, 5.4946, 33.0481



0.3643, 0.3412, 1.3155

Previews

White Background



This preview shows how the XYZ color 33.0569, 32.3987, 10.4725 looks on a white background.

Color Contrast Check

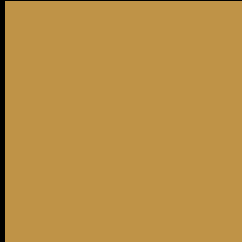
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.0569, 32.3987, 10.4725 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](#).

XYZ 33.0569, 32.3987, 10.4725

Background



This preview shows how black text looks on a background with the XYZ color 33.0569, 32.3987, 10.4725.



This preview shows how white text looks on a background with the XYZ color 33.0569, 32.3987,

10.4725.

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

33.0569, 32.3987, 10.4725

Protanopia

29.7185, 32.5817, 11.0259

Deuteranopia

33.0569, 32.3987, 10.4725



Tritanopia

37.5393, 32.2172, 32.6738

Trichromacy



Original Color

33.0569, 32.3987, 10.4725

Protanomaly

30.7580, 32.3893, 10.7615

Deuteranomaly

33.0569, 32.3987, 10.4725

Tritanomaly

35.4817, 32.0323, 22.4019

Monochromacy



Original Color

33.0569, 32.3987, 10.4725

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.1451, 31.3248, 22.8698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0569, 32.3987, 10.4725 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, 147, 71)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 71)  
}
```

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, 147, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 71) }
```

Border

The CSS property to change the border of an element to XYZ 33.0569, 32.3987, 10.4725 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, 147, 71) }
```


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

```
.border{ border-color:rgb(191, 147, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 147, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 147, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 147, 71);  
box-shadow:4px 4px 4px 4px rgb(191, 147,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0569, 32.3987, 10.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 71) }
```

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

```
.background{ background-color: rgb(191,  
147, 71) }
```

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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