

Converting Colors

XYZ(32.5925, 33.0207, 26.8401)

Have a look what the booklet for
XYZ(32.5925, 33.0207, 26.8401)
contains.

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Color

**XYZ(32.4751, 32.9206,
26.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9885
RGB	172, 152, 133
RGB Percent	67%, 60%, 52%
CMY	0.3255, 0.4039, 0.4784
CMYK	0.00, 0.12, 0.23, 0.33
HSL	29°, 19%, 60%
HSV	29°, 23%, 67%
XYZ	32.4751, 32.9206, 26.8330
YIQ	155.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

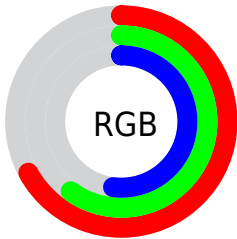
Format	Color
RYB	172, 170, 133
Decimal	11311237
CIELab	64.10, 4.30, 12.71
CIELCh	64, 13.416, 71.285
Yxy	32.9206, 0.3521, 0.3569
Android (android.graphics.Color)	4289501317 (0xFFAC9885)
YUV	155.8140, -11.2473, 14.1951
Hunter-Lab	57.3765, 0.6222, 12.4356

Details

The XYZ color **32.4751, 32.9206, 26.8330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5102, 30.7467, 43.4618**, and the grayscale version is **31.5606, 33.2043, 36.1594**.

A 20% lighter version of the original color is **62.9291, 64.1818, 55.5260**, and **13.8228, 13.8538, 10.1291** is the 20% darker color. If you saturate the color by 10%, you get **30.0045, 29.7277, 20.6191**, and if you desaturate by 10%, it is **35.2486, 36.4072, 34.1087**.

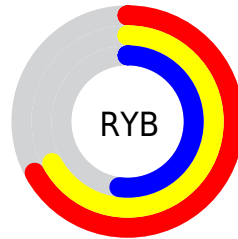
Distribution



Red (67%)

Green (60%)

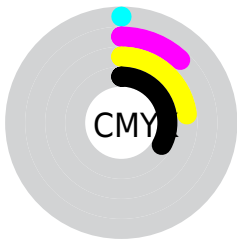
Blue (52%)



Red (67%)

Yellow (67%)

Blue (52%)

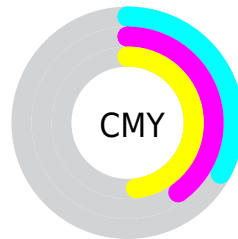


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4751, 32.9206, 26.8330 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 32.4751, 32.9206, 26.8330 by changing the saturation by 10% instead.

 32.4751, 32.9206,
26.8330


 32.4751, 32.9206,
26.8330


304.9848,
315.2918, 300.5822


 21.8819, 22.0656,
17.2165


 62.9153, 64.2515,
55.6162

 13.8863, 13.9051,
10.2254


 83.4931, 85.4963,
75.6201

 8.1228, 8.0547,
5.4411


 108.1299,
110.9731, 99.9235

 4.2261, 4.1300,
2.4451

137.1909,
141.0664, 128.9449

 1.8308, 1.7465,
0.8108

171.0415,
176.1605, 163.1029

 0.5361, 0.4535,
0.0000

210.0471,

 0.0000, 0.0000,

216.6398, 202.8162

0.0000

254.5731,
262.8888, 248.5030

■ 32.4751, 32.9206,
26.8330

■ 32.4751, 32.9206,
26.8330

■ 30.0045, 29.7277,
20.6191

■ 35.2486, 36.4072,
34.1087

■ 27.8223, 26.8157,
15.4142

■ 38.3332, 40.1910,
42.4913

■ 25.9168, 24.1771,
11.1644

■ 41.7405, 44.2812,
52.0257

■ 24.2742, 21.8027,
7.8095

■ 45.4802, 48.6851,
62.7539

■ 22.8795, 19.6821,
5.2826

■ 49.5619, 53.4096,
74.7157

■ 21.7156, 17.8044,
3.5071

■ 53.9945, 58.4617,
87.9488

■ 20.7626, 16.1571,
2.3917

■ 58.7869, 63.8480,
102.4896

■ 20.1690, 15.0821,
1.8481

■ 61.3323, 68.5287,
104.6025

■ 63.7440, 73.3522,
105.4065

Harmonies

Analogous

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



34.1119, 32.9206, 29.3845



32.4751, 32.9206, 26.8330



30.5816, 32.9206, 26.5452

Triad

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



32.4751, 32.9206, 26.8330



27.8474, 32.9206, 37.9284



33.7591, 32.9206, 44.2820

Complementary

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



32.4751, 32.9206, 26.8330



28.5102, 30.7467, 43.4618

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.



32.0093, 32.9206, 47.0967



32.4751, 32.9206, 26.8330



28.6283, 32.9206, 43.1890

Square

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



32.4751, 32.9206, 26.8330



27.9608, 32.9206, 32.5964



30.1342, 32.9206, 46.6777



34.8736, 32.9206, 39.3025

Rectangle

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



32.4751, 32.9206, 26.8330



29.4338, 32.9206, 27.6379



30.1342, 32.9206, 46.6777



33.2228, 32.9206, 45.5344

Sweetspot

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



32.4760, 32.9221, 26.8337



66.9798, 69.7888, 70.0622



31.1632, 27.8510, 33.9356



14.4873, 15.0821, 15.0386



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.4760, 32.9221, 26.8337



56.6926, 56.8731, 43.0226



35.8762, 39.7224, 27.9671



8.3153, 8.6354, 8.4419



15.0637, 11.3328, 1.3935



0.4740, 0.4251, 0.0571

Inverse Universe

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



28.5102, 30.7467, 43.4618



48.2675, 52.2511, 78.3473



25.5964, 24.9192, 42.4906



7.9057, 8.4107, 10.1595



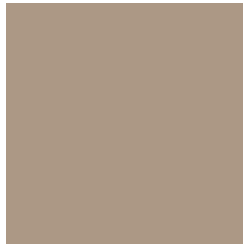
8.2050, 7.5438, 30.0682



0.2828, 0.3190, 0.8547

Previews

White Background



This preview shows how the XYZ color 32.4751, 32.9206, 26.8330 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 32.4751, 32.9206, 26.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

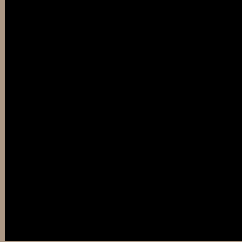
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4751, 32.9206, 26.8330

Background



This preview shows how black text looks on a background with the XYZ color 32.4751, 32.9206, 26.8330.



This preview shows how white text looks on a background with the XYZ color 32.4751, 32.9206,

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

32.4751, 32.9206, 26.8330

Protanopia

31.1988, 32.9785, 27.6428

Deuteranopia

33.5001, 32.9711, 26.7887



Tritanopia

34.6143, 32.8318, 37.7705

Trichromacy



Original Color

32.4751, 32.9206, 26.8330

Protanomaly

31.5846, 32.9394, 27.2475

Deuteranomaly

33.2047, 33.0568, 26.8208

Tritanomaly

33.7080, 32.6956, 33.3884

Monochromacy



Original Color

32.4751, 32.9206, 26.8330

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9669, 33.2622, 32.7524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4751, 32.9206, 26.8330 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(172, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(172, 152, 133)  
}
```

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(172, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 152, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.4751, 32.9206, 26.8330 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(172, 152, 133) }
```


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

```
.border{ border-color:rgb(172, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(172, 152,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4751, 32.9206, 26.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 152, 133) }
```

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

```
.background{ background-color: rgb(172,  
152, 133) }
```

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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