

Converting Colors

XYZ(32.6870, 32.7978, 26.4376)

Have a look what the booklet for
XYZ(32.6870, 32.7978, 26.4376)
contains.

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Color

**XYZ(32.6870, 32.7978,
26.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9784
RGB	174, 151, 132
RGB Percent	68%, 59%, 52%
CMY	0.3176, 0.4078, 0.4823
CMYK	0.00, 0.13, 0.24, 0.32
HSL	27°, 21%, 60%
HSV	27°, 24%, 68%
XYZ	32.6870, 32.7978, 26.4376
YIQ	155.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

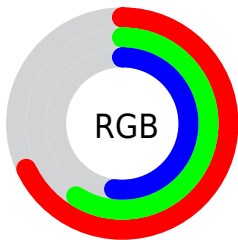
Format	Color
RYB	174, 167, 132
Decimal	11442052
CIELab	64.00, 5.49, 13.15
CIElCh	64, 14.254, 67.334
Yxy	32.7978, 0.3556, 0.3568
Android (android.graphics.Color)	4289632132 (0xFFAE9784)
YUV	155.7110, -11.6895, 16.0395
Hunter-Lab	57.2694, 1.6591, 12.7182

Details

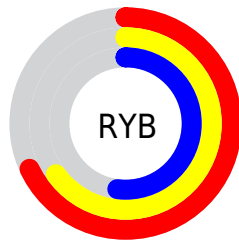
The XYZ color **32.6870, 32.7978, 26.4376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8768, 31.4034, 44.5840**, and the grayscale version is **31.5161, 33.1574, 36.1084**.

A 20% lighter version of the original color is **63.2214, 63.9884, 54.9178**, and **14.0037, 13.8038, 10.1099** is the 20% darker color. If you saturate the color by 10%, you get **30.1226, 29.4181, 20.1902**, and if you desaturate by 10%, it is **35.5757, 36.5077, 33.7737**.

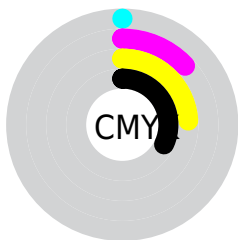
Distribution



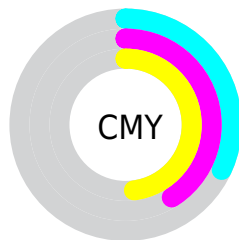
- Red (68%)
- Green (59%)
- Blue (52%)



- Red (68%)
- Yellow (65%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6870, 32.7978, 26.4376 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 32.6870, 32.7978, 26.4376 by changing the saturation by 10% instead.

■ 32.6870, 32.7978,
26.4376

■ 32.6870, 32.7978,
26.4376

305.9270,
314.7376, 298.5972

■ 22.0449, 21.9716,
16.9226

■ 63.2445, 64.0597,
54.9728

■ 14.0067, 13.8360,
10.0179

■ 83.8906, 85.2642,
74.8301

■ 8.2070, 8.0067,
5.3051

■ 108.6020,
110.6969, 98.9718

■ 4.2806, 4.0992,
2.3655

137.7442,
140.7423, 127.8167

■ 1.8621, 1.7292,
0.7676

171.6824,
175.7846, 161.7831

■ 0.5547, 0.4425,
0.0000

210.7820,

■ 0.0000, 0.0000,

216.2083, 201.2896

0.0000

255.4084,
262.3979, 246.7548

■ 32.6870, 32.7978,
26.4376

■ 32.6870, 32.7978,
26.4376

■ 30.1226, 29.4181,
20.1902

■ 35.5757, 36.5077,
33.7737

■ 27.8672, 26.3545,
14.9767

■ 38.7980, 40.5528,
42.2456

■ 25.9078, 23.5981,
10.7403

■ 42.3662, 44.9433,
51.9001

■ 24.2297, 21.1380,
7.4183

■ 46.2910, 49.6879,
62.7809

■ 22.8163, 18.9622,
4.9402

■ 50.5827, 54.7946,
74.9292

■ 21.6491, 17.0579,
3.2252

■ 55.2510, 60.2714,
88.3845

■ 20.7063, 15.4106,
2.1761

■ 60.3054, 66.1261,
103.1844

■ 20.2321, 14.5517,
1.7424

■ 63.0353, 71.2780,
105.0435

■ 65.7170, 76.6415,
105.9374

Harmonies

Analogous

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



34.3494, 32.7978, 29.4085



32.6870, 32.7978, 26.4376



30.6824, 32.7978, 25.8169

Triad

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



32.6870, 32.7978, 26.4376



27.4939, 32.7978, 37.1434



33.5772, 32.7978, 45.2581

Complementary

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



32.6870, 32.7978, 26.4376



28.8768, 31.4034, 44.5840

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.



31.6695, 32.7978, 47.8569



32.6870, 32.7978, 26.4376



28.1993, 32.7978, 42.8557

Square

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



32.6870, 32.7978, 26.4376



27.7402, 32.7978, 31.6122



29.7071, 32.7978, 46.9336



34.8786, 32.7978, 40.1501

Rectangle

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



32.6870, 32.7978, 26.4376



29.4316, 32.7978, 26.7507



29.7071, 32.7978, 46.9336



32.9825, 32.7978, 46.4778

Sweetspot

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



32.6879, 32.7993, 26.4383



68.5653, 71.3025, 71.8187



31.6319, 27.8715, 34.7673



15.1628, 15.7519, 15.7600



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6879, 32.7993, 26.4383



56.7197, 56.1247, 41.6241



36.3541, 40.1318, 27.6604



8.2925, 8.5898, 8.4343



14.7322, 10.6699, 1.2830



0.4649, 0.4070, 0.0541

Inverse Universe

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



28.8768, 31.4034, 44.5840



48.5883, 53.1444, 80.3339



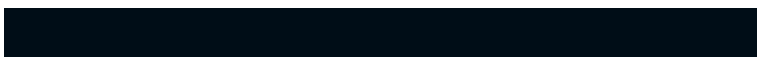
25.6950, 25.0398, 43.5234



7.9286, 8.4567, 10.1671



8.5871, 8.3081, 30.1955



0.2926, 0.3385, 0.8579

Previews

White Background



This preview shows how the XYZ color 32.6870, 32.7978, 26.4376 looks on a white background.

Color Contrast Check

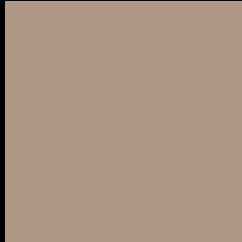
Large Text (above 18pt) WCAG AA × Fail

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 32.6870, 32.7978, 26.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

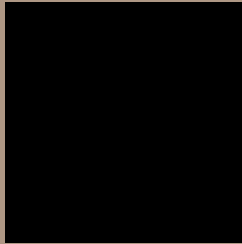
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

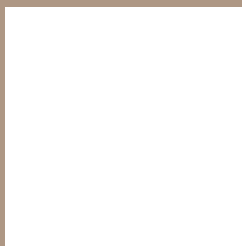
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6870, 32.7978, 26.4376

Background



This preview shows how black text looks on a background with the XYZ color 32.6870, 32.7978, 26.4376.



This preview shows how white text looks on a background with the XYZ color 32.6870, 32.7978,

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

32.6870, 32.7978, 26.4376

Protanopia

31.1287, 32.9505, 27.2737

Deuteranopia

33.2724, 32.6258, 26.3736



Tritanopia

34.8232, 32.7178, 37.2807

Trichromacy



Original Color

32.6870, 32.7978, 26.4376

Protanomaly

31.7256, 33.0201, 26.8917

Deuteranomaly

33.2027, 32.8257, 26.4158

Tritanomaly

33.9192, 32.5798, 32.9346

Monochromacy



Original Color

32.6870, 32.7978, 26.4376

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9263, 33.0043, 32.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6870, 32.7978, 26.4376 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(174, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 132)  
}
```

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(174, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.6870, 32.7978, 26.4376 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(174, 151, 132) }
```


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

```
.border{ border-color:rgb(174, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6870, 32.7978, 26.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 132) }
```

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

```
.background{ background-color: rgb(174,  
151, 132) }
```

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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