

Converting Colors

XYZ(30.9494, 32.5786, 24.0427)

Have a look what the booklet for
XYZ(30.9494, 32.5786, 24.0427)
contains.

XYZ(30.9832, 32.6989, 24.0806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.9832, 32.6989,
24.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	A69A7D
RGB	166, 154, 125
RGB Percent	65%, 60%, 49%
CMY	0.3490, 0.3961, 0.5098
CMYK	0.00, 0.07, 0.25, 0.35
HSL	42°, 19%, 57%
HSV	42°, 25%, 65%
XYZ	30.9832, 32.6989, 24.0806
YIQ	154.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

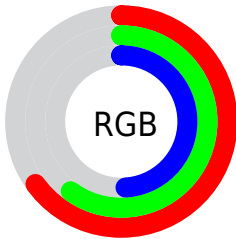
Format	Color
RYB	142, 166, 125
Decimal	10918525
CIELab	63.92, -0.36, 16.84
CIELCh	64, 16.842, 91.209
Yxy	32.6989, 0.3530, 0.3726
Android (android.graphics.Color)	4289108605 (0xFFA69A7D)
YUV	154.2820, -14.4360, 10.2767
Hunter-Lab	57.1830, -3.3543, 15.0602

Details

The XYZ color **30.9832, 32.6989, 24.0806** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.2859, 25.0039, 39.6228**, and the grayscale version is **30.8962, 32.5052, 35.3982**.

A 20% lighter version of the original color is **60.4106, 63.6983, 51.2305**, and **13.0942, 13.7997, 8.8109** is the 20% darker color. If you saturate the color by 10%, you get **29.2249, 30.7398, 18.6927**, and if you desaturate by 10%, it is **32.9529, 34.7967, 30.4142**.

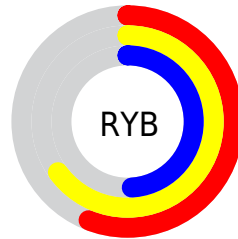
Distribution



Red (65%)

Green (60%)

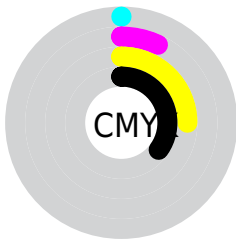
Blue (49%)



Red (56%)

Yellow (65%)

Blue (49%)

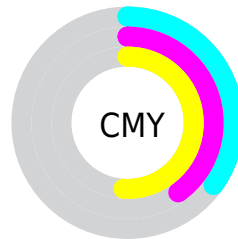


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9832, 32.6989, 24.0806 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 30.9832, 32.6989, 24.0806 by changing the saturation by 10% instead.

■ 30.9832, 32.6989,
24.0806

■ 30.9832, 32.6989,
24.0806

298.2892,
314.2908, 286.5274

■ 20.7378, 21.8959,
15.1807

■ 60.5896, 63.9052,
51.1072

■ 13.0439, 13.7804,
8.7983

■ 80.6814, 85.0772,
70.0709

■ 7.5360, 7.9681,
4.5148

■ 104.7860,
110.4743, 93.2263

■ 3.8488, 4.0745,
1.9118

133.2688,
140.4810, 120.9919

■ 1.6169, 1.7153,
0.5002

166.4952,
175.4816, 153.7863

■ 0.4034, 0.4336,
0.0000

204.8305,

■ 0.0000, 0.0000,

215.8605, 192.0280

0.0000

248.6400,
262.0021, 236.1355

■ 30.9832, 32.6989,
24.0806

■ 30.9832, 32.6989,
24.0806

■ 29.2249, 30.7398,
18.6927

■ 32.9529, 34.7967,
30.4142

■ 27.6663, 28.9108,
14.2019

■ 35.1400, 37.0329,
37.7348

■ 26.2983, 27.2087,
10.5585

■ 37.5535, 39.4127,
46.0835

■ 25.1100, 25.6285,
7.7070

■ 40.2009, 41.9397,
55.4986

■ 24.0892, 24.1648,
5.5852

■ 43.0895, 44.6174,
66.0165

■ 23.2219, 22.8112,
4.1216

■ 46.2261, 47.4492,
77.6718

■ 22.4912, 21.5604,
3.2289

■ 49.6174, 50.4381,
90.4976

■ 22.1374, 20.9299,
2.8731

■ 52.8152, 53.4056,
102.1324

■ 53.9057, 55.5865,
102.4959

Harmonies

Analogous

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



33.3270, 32.6989, 25.3434



30.9832, 32.6989, 24.0806



28.7764, 32.6989, 25.5637

Triad

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



30.9832, 32.6989, 24.0806



27.3411, 32.6989, 42.8063



35.2482, 32.6989, 42.2689

Complementary

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



30.9832, 32.6989, 24.0806



24.2859, 25.0039, 39.6228

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.



33.5019, 32.6989, 47.9782



30.9832, 32.6989, 24.0806



28.9351, 32.6989, 48.3152

Square

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



30.9832, 32.6989, 24.0806



26.7407, 32.6989, 35.8798



31.1756, 32.6989, 50.3169



35.8635, 32.6989, 35.3287

Rectangle

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



30.9832, 32.6989, 24.0806



27.6597, 32.6989, 28.0346



31.1756, 32.6989, 50.3169



34.7698, 32.6989, 44.4252

Sweetspot

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



30.9841, 32.7004, 24.0813



62.7729, 66.2001, 65.0846



27.5968, 24.5894, 27.0721



13.9963, 14.7626, 14.3924



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.9841, 32.7004, 24.0813



54.3171, 57.2335, 37.7722



31.3994, 36.0022, 24.6967



7.9587, 8.3975, 7.9907



17.2081, 16.3135, 2.2419



0.4596, 0.4787, 0.0682

Inverse Universe

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



24.2859, 25.0039, 39.6228



39.9053, 40.6775, 71.2236



23.9214, 22.4237, 39.1440



7.3040, 7.6450, 9.5090



6.2113, 3.8828, 28.3976



0.1946, 0.1815, 0.7054

Previews

White Background



This preview shows how the XYZ color 30.9832, 32.6989, 24.0806 looks on a white background.

Color Contrast Check

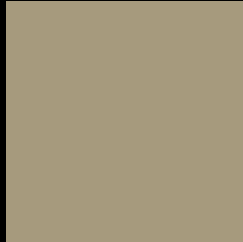
Large Text (above 18pt) WCAG AA × Fail

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 30.9832, 32.6989, 24.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

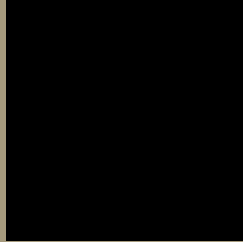
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9832, 32.6989, 24.0806

Background



This preview shows how black text looks on a background with the XYZ color 30.9832, 32.6989, 24.0806.



This preview shows how white text looks on a background with the XYZ color 30.9832, 32.6989,

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

30.9832, 32.6989, 24.0806

Protanopia

30.7329, 32.8159, 24.1163

Deuteranopia

33.3357, 32.7045, 24.2943



Tritanopia

33.7580, 32.6141, 38.2341

Trichromacy



Original Color

30.9832, 32.6989, 24.0806

Protanomaly

30.9401, 32.9227, 24.1260

Deuteranomaly

32.5117, 32.7535, 24.3472

Tritanomaly

32.7741, 32.7064, 32.6025

Monochromacy



Original Color

30.9832, 32.6989, 24.0806

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6141, 32.3635, 30.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9832, 32.6989, 24.0806 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(166, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 125)  
}
```

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(166, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.9832, 32.6989, 24.0806 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(166, 154, 125) }
```


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

```
.border{ border-color:rgb(166, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9832, 32.6989, 24.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 125) }
```

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

```
.background{ background-color: rgb(166,  
154, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor