

Converting Colors

XYZ(32.0087, 34.1233, 24.6869)

Have a look what the booklet for
XYZ(32.0087, 34.1233, 24.6869)
contains.

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Color

**XYZ(32.1412, 34.2849,
24.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	A89E7E
RGB	168, 158, 126
RGB Percent	66%, 62%, 49%
CMY	0.3412, 0.3804, 0.5059
CMYK	0.00, 0.06, 0.25, 0.34
HSL	46°, 19%, 58%
HSV	46°, 25%, 66%
XYZ	32.1412, 34.2849, 24.6623
YIQ	157.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

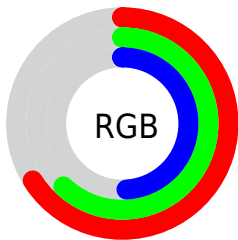
Format	Color
RYB	139, 168, 126
Decimal	11050622
CIELab	65.19, -1.60, 18.07
CIELCh	65, 18.136, 95.069
Yxy	34.2849, 0.3529, 0.3764
Android (android.graphics.Color)	4289240702 (0xFFA89E7E)
YUV	157.3420, -15.4516, 9.3471
Hunter-Lab	58.5533, -4.4857, 16.0147

Details

The XYZ color **32.1412, 34.2849, 24.6623** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.4761, 24.8705, 40.5564**, and the grayscale version is **32.2649, 33.9452, 36.9664**.

A 20% lighter version of the original color is **62.6714, 66.6905, 52.2172**, and **13.6675, 14.6960, 9.1374** is the 20% darker color. If you saturate the color by 10%, you get **30.4762, 32.5464, 19.2007**, and if you desaturate by 10%, it is **34.0122, 36.1437, 31.0916**.

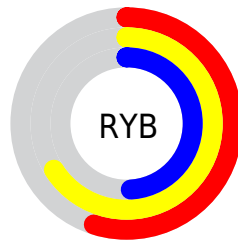
Distribution



Red (66%)

Green (62%)

Blue (49%)



Red (55%)

Yellow (66%)

Blue (49%)

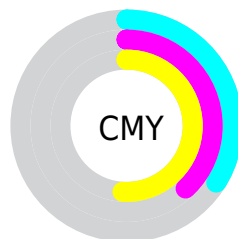


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1412, 34.2849, 24.6623 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 32.1412, 34.2849, 24.6623 by changing the saturation by 10% instead.


 32.1412, 34.2849,
24.6623


 32.1412, 34.2849,
24.6623

303.4958,
321.4005, 289.5456

 21.6254, 23.1126,
15.6089


 62.3961, 66.3765,
52.0662

 13.6970, 14.6766,
9.0965


 82.8659, 88.0645,
71.2537

 7.9905, 8.5928,
4.7065


 107.3845,
114.0265, 94.6564

 4.1406, 4.4765,
2.0204

136.3171,
144.6469, 122.6927

 1.7820, 1.9435,
0.5678

170.0293,
180.3101, 155.7813

 0.5068, 0.5744,
0.0000

208.8862,

 0.0000, 0.0000,

221.4006, 194.3406

0.0000

253.2532,
268.3026, 238.7892

■ 32.1412, 34.2849,
24.6623

■ 32.1412, 34.2849,
24.6623

■ 30.4762, 32.5464,
19.2007

■ 34.0122, 36.1437,
31.0916

■ 29.0054, 30.9196,
14.6568

■ 36.0953, 38.1219,
38.5311

■ 27.7194, 29.4016,
10.9791

■ 38.3995, 40.2248,
47.0232

■ 26.6073, 27.9876,
8.1105

■ 40.9324, 42.4556,
56.6074

■ 25.6566, 26.6724,
5.9866

■ 43.7013, 44.8176,
67.3212

■ 24.8531, 25.4498,
4.5335

■ 46.7133, 47.3140,
79.2000

■ 24.1791, 24.3124,
3.6596

■ 49.9748, 49.9476,
92.2780

■ 23.8697, 23.7672,
3.3295

■ 52.6103, 52.3685,
101.9430

■ 53.4883, 54.1244,
102.2357

Harmonies

Analogous

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



34.7694, 34.2849, 25.6580



32.1412, 34.2849, 24.6623



29.7616, 34.2849, 26.6694

Triad

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



32.1412, 34.2849, 24.6623



28.6135, 34.2849, 46.3032



37.4004, 34.2849, 43.7869

Complementary

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



32.1412, 34.2849, 24.6623



24.4761, 24.8705, 40.5564

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.



35.5853, 34.2849, 50.5101



32.1412, 34.2849, 24.6623



30.4974, 34.2849, 52.0946

Square

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



32.1412, 34.2849, 24.6623



27.7962, 34.2849, 38.6271



33.0364, 34.2849, 53.7291



37.8984, 34.2849, 36.0631

Rectangle

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



32.1412, 34.2849, 24.6623



28.6071, 34.2849, 29.6233



33.0364, 34.2849, 53.7291



36.9194, 34.2849, 46.2703

Sweetspot

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



32.1421, 34.2864, 24.6630



64.6621, 68.3945, 66.8881



28.0892, 25.0388, 26.8322



14.0464, 14.8628, 14.4091



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.



32.1421, 34.2864, 24.6630



56.6035, 60.4390, 39.0409



31.7712, 36.7303, 25.1543



7.9933, 8.4667, 8.0022



18.0662, 18.0297, 2.5279



0.4753, 0.5102, 0.0734

Inverse Universe

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



24.4761, 24.8705, 40.5564



40.2784, 40.3910, 72.8984



24.7639, 23.0255, 40.1851



7.2714, 7.5797, 9.4981



5.9443, 3.3489, 28.3086



0.1826, 0.1573, 0.7014

Previews

White Background



This preview shows how the XYZ color 32.1412, 34.2849, 24.6623 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 32.1412, 34.2849, 24.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

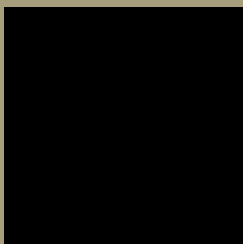
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

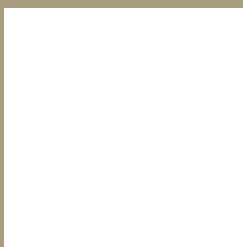
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1412, 34.2849, 24.6623

Background



This preview shows how black text looks on a background with the XYZ color 32.1412, 34.2849, 24.6623.



This preview shows how white text looks on a background with the XYZ color 32.1412, 34.2849,

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

32.1412, 34.2849, 24.6623

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

34.8262, 34.1791, 24.8404



Tritanopia

35.4163, 34.3833, 40.3673

Trichromacy



Original Color

32.1412, 34.2849, 24.6623

Protanomaly

32.1412, 34.2849, 24.6623

Deuteranomaly

33.7465, 34.1085, 24.8836

Tritanomaly

34.1018, 34.3350, 34.1081

Monochromacy



Original Color

32.1412, 34.2849, 24.6623

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.9432, 33.7663, 32.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1412, 34.2849, 24.6623 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(168, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 126)  
}
```

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(168, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.1412, 34.2849, 24.6623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

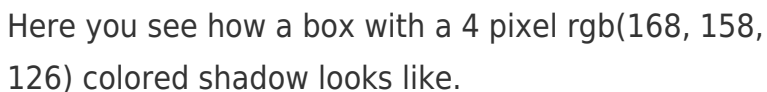
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 158, 126) }
```


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

```
.border{ border-color:rgb(168, 158, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 158, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 158, 126); box-shadow:4px 4px 4px 4px rgb(168, 158, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1412, 34.2849, 24.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 126) }
```

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

```
.background{ background-color: rgb(168,  
158, 126) }
```

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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