

Converting Colors

XYZ(32.1385, 29.4279, 22.5457)

Have a look what the booklet for
XYZ(32.1385, 29.4279, 22.5457)
contains.

XYZ(32.2257, 29.4868, 22.4054)	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(32.2257, 29.4868,
22.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	B8897A
RGB	184, 137, 122
RGB Percent	72%, 54%, 48%
CMY	0.2784, 0.4627, 0.5216
CMYK	0.00, 0.26, 0.34, 0.28
HSL	15°, 30%, 60%
HSV	15°, 34%, 72%
XYZ	32.2257, 29.4868, 22.4054
YIQ	149.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

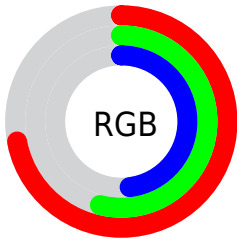
Format	Color
RYB	184, 142, 122
Decimal	12093818
CIELab	61.21, 15.85, 15.04
CIElCh	61, 21.855, 43.495
Yxy	29.4868, 0.3831, 0.3505
Android (android.graphics.Color)	4290283898 (0xFFB8897A)
YUV	149.3430, -13.4801, 30.3942
Hunter-Lab	54.3017, 10.9038, 13.5476

Details

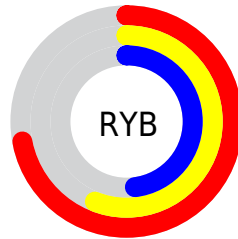
The XYZ color **32.2257, 29.4868, 22.4054** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8653, 35.9731, 50.6643**, and the grayscale version is **28.7575, 30.2552, 32.9479**.

A 20% lighter version of the original color is **62.5464, 59.0184, 48.1395**, and **13.8167, 12.0433, 7.8997** is the 20% darker color. If you saturate the color by 10%, you get **29.3358, 25.3619, 16.3399**, and if you desaturate by 10%, it is **35.5894, 34.2134, 29.6944**.

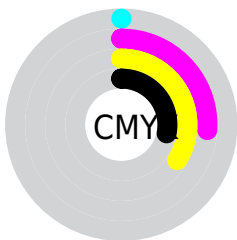
Distribution



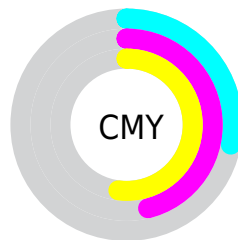
- Red (72%)
- Green (54%)
- Blue (48%)



- Red (72%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (28%)





- Cyan (28%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2257, 29.4868, 22.4054 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 32.2257, 29.4868, 22.4054 by changing the saturation by 10% instead.


 32.2257, 29.4868,
22.4054


 32.2257, 29.4868,
22.4054


303.8732,
299.5049, 277.6784


 21.6903, 19.4494,
13.9539


 62.5276, 58.8496,
48.3259

 13.7449, 11.9954,
7.9502


 83.0248, 78.9438,
66.6320

 8.0239, 6.7406,
3.9758


 107.5733,
103.1591, 89.0600

 4.1622, 3.3004,
1.6121

136.5385,
131.8798, 116.0285

 1.7943, 1.2905,
0.2994

170.2857,
165.4903, 147.9561

 0.5142, 0.1338,
0.0000

209.1803,

 0.0000, 0.0000,

204.3751, 185.2612

0.0000

253.5877,
248.9185, 228.3625

■ 32.2257, 29.4868,
22.4054

■ 32.2257, 29.4868,
22.4054

■ 29.3358, 25.3619,
16.3399

■ 35.5894, 34.2134,
29.6944

■ 26.8953, 21.8102,
11.4285

■ 39.4450, 39.5606,
38.2675

■ 24.8813, 18.8070,
7.5977


■ 43.8125, 45.5515,
48.1833


■ 23.2675, 16.3240,
4.7644


■ 48.7101, 52.2066,
59.4965


■ 22.0247, 14.3304,
2.8336


■ 54.1551, 59.5458,
72.2584


 21.1189, 12.7915,
1.6911

 60.1641, 67.5879,
86.5179

 20.6877, 12.0313,
1.2319

 66.7526, 76.3512,
102.3217

 71.5642, 84.9042,
107.2241

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



33.7456, 29.4868, 28.5553



32.2257, 29.4868, 22.4054



29.6244, 29.4868, 19.2057

Triad

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



32.2257, 29.4868, 22.4054



23.0586, 29.4868, 27.8199



29.3347, 29.4868, 50.0684

Complementary

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



32.2257, 29.4868, 22.4054



30.8653, 35.9731, 50.6643

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.



26.4868, 29.4868, 49.7799



32.2257, 29.4868, 22.4054



22.9927, 29.4868, 35.9397

Square

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



32.2257, 29.4868, 22.4054



24.3950, 29.4868, 21.9466



24.2086, 29.4868, 44.2668



32.0012, 29.4868, 44.9981

Rectangle

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



32.2257, 29.4868, 22.4054



27.6910, 29.4868, 18.7674



24.2086, 29.4868, 44.2668



28.3643, 29.4868, 50.6180

Sweetspot

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



32.2265, 29.4882, 22.4060



74.1900, 75.4103, 75.4283



33.9386, 26.9944, 41.2211



15.7620, 15.9382, 15.7367



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.2265, 29.4882, 22.4060



54.6766, 48.1266, 32.7211



37.1846, 39.4045, 24.0587



9.1764, 9.3558, 9.4291



14.3051, 8.3866, 0.8648



0.5539, 0.3949, 0.0470

Inverse Universe

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



30.8653, 35.9731, 50.6643



51.8373, 61.5536, 91.3535



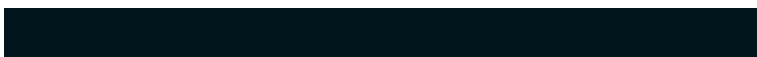
25.8433, 25.9290, 48.9902



9.0776, 9.8324, 11.4988



12.4303, 15.3202, 33.5550



0.4832, 0.6301, 1.1979

Previews

White Background



This preview shows how the XYZ color 32.2257, 29.4868, 22.4054 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2257, 29.4868, 22.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

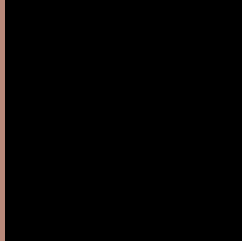
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2257, 29.4868, 22.4054

Background



This preview shows how black text looks on a background with the XYZ color 32.2257, 29.4868, 22.4054.



This preview shows how white text looks on a background with the XYZ color 32.2257, 29.4868,

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

32.2257, 29.4868, 22.4054

Protanopia

27.9382, 29.6807, 24.3351

Deuteranopia

30.1374, 29.4971, 22.1943



Tritanopia

33.8088, 29.5029, 30.2983

Trichromacy



Original Color

32.2257, 29.4868, 22.4054

Protanomaly

29.4008, 29.5342, 23.5531

Deuteranomaly

30.7338, 29.3667, 22.1377

Tritanomaly

33.1155, 29.4198, 27.2258

Monochromacy



Original Color

32.2257, 29.4868, 22.4054

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6859, 29.7963, 28.6127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2257, 29.4868, 22.4054 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(184, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 137, 122)  
}
```

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(184, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 137, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.2257, 29.4868, 22.4054 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(184, 137, 122) }
```


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

```
.border{ border-color:rgb(184, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 137,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2257, 29.4868, 22.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 137, 122) }
```

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

```
.background{ background-color: rgb(184,  
137, 122) }
```

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