

Converting Colors

XYZ(32.4037, 30.6899, 22.6821)

Have a look what the booklet for
XYZ(32.4037, 30.6899, 22.6821)
contains.

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Color

**XYZ(32.4773, 30.6962,
22.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	B68E7A
RGB	182, 142, 122
RGB Percent	71%, 56%, 48%
CMY	0.2863, 0.4431, 0.5216
CMYK	0.00, 0.22, 0.33, 0.29
HSL	20°, 29%, 60%
HSV	20°, 33%, 71%
XYZ	32.4773, 30.6962, 22.6256
YIQ	151.6800, 30.2600, 2.2600

Conversions

Conversions Part 2

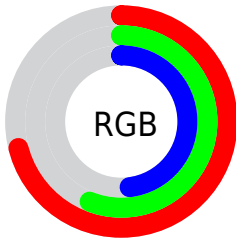
Format	Color
RYB	182, 152, 122
Decimal	11964026
CIELab	62.25, 12.27, 16.45
CIElCh	62, 20.525, 53.285
Yxy	30.6962, 0.3785, 0.3578
Android (android.graphics.Color)	4290154106 (0xFFB68E7A)
YUV	151.6800, -14.6322, 26.5906
Hunter-Lab	55.4042, 7.6775, 14.5704

Details

The XYZ color **32.4773, 30.6962, 22.6256** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3896, 33.3548, 49.1453**, and the grayscale version is **29.7597, 31.3095, 34.0960**.

A 20% lighter version of the original color is **62.9765, 60.8866, 48.4775**, and **13.9318, 12.7245, 8.0251** is the 20% darker color. If you saturate the color by 10%, you get **29.7457, 26.8718, 16.6628**, and if you desaturate by 10%, it is **35.6182, 35.0009, 29.7674**.

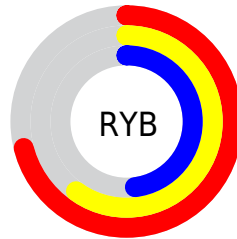
Distribution



Red (71%)

Green (56%)

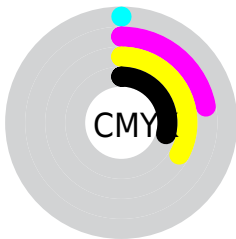
Blue (48%)



Red (71%)

Yellow (60%)

Blue (48%)

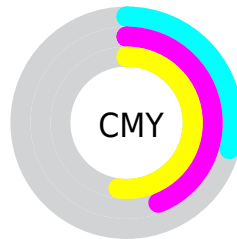


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (44%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4773, 30.6962, 22.6256 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 32.4773, 30.6962, 22.6256 by changing the saturation by 10% instead.


 32.4773, 30.6962,
22.6256


 32.4773, 30.6962,
22.6256

304.9946,
305.1363, 278.8554


 21.8836, 20.3676,
14.1146


 62.9188, 60.7614,
48.6932

 13.8875, 12.6626,
8.0608


 83.4973, 81.2669,
67.0869

 8.1237, 7.1966,
4.0455


 108.1348,
105.9335, 89.6119

 4.2267, 3.5854,
1.6503

137.1966,
135.1455, 116.6867

 1.8311, 1.4444,
0.3264

171.0482,
169.2874, 148.7300

 0.5363, 0.2491,
0.0000

210.0548,

 0.0000, 0.0000,

208.7436, 186.1601

0.0000

254.5818,
253.8984, 229.3958

■ 32.4773, 30.6962,
22.6256

■ 32.4773, 30.6962,
22.6256

■ 29.7457, 26.8718,
16.6628

■ 35.6182, 35.0009,
29.7674

■ 27.4030, 23.5063,
11.8130

■ 39.1829, 39.7980,
38.1458

■ 25.4304, 20.5826,
8.0060


■ 43.1880, 45.1043,
47.8167


■ 23.8063, 18.0810,
5.1633


■ 47.6487, 50.9348,
58.8322


■ 22.5068, 15.9800,
3.1946


■ 52.5791, 57.3036,
71.2413


 21.5040, 14.2559,
1.9924

 57.9929, 64.2243,
85.0906

 20.9431, 13.2483,
1.4534

 63.9032, 71.7100,
100.4246

 68.2264, 78.9350,
106.2478

 71.8997, 86.2815,
107.4722

Harmonies

Analogous

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



34.3468, 30.6962, 27.7483



32.4773, 30.6962, 22.6256



29.8031, 30.6962, 20.4471

Triad

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



32.4773, 30.6962, 22.6256



24.1993, 30.6962, 31.6708



31.3324, 30.6962, 49.4838

Complementary

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



32.4773, 30.6962, 22.6256



29.3896, 33.3548, 49.1453

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.



28.5574, 30.6962, 50.9765



32.4773, 30.6962, 22.6256



24.5517, 30.6962, 39.8228

Square

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



32.4773, 30.6962, 22.6256



25.1111, 30.6962, 25.1078



26.1060, 30.6962, 47.2027



33.6571, 30.6962, 43.3969

Rectangle

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



32.4773, 30.6962, 22.6256



27.9689, 30.6962, 20.6667



26.1060, 30.6962, 47.2027



30.4170, 30.6962, 50.5754

Sweetspot

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



32.4781, 30.6976, 22.6262



72.9874, 74.7499, 73.8220



32.7728, 26.4732, 37.5653



15.9032, 16.2206, 15.7838



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.



32.4781, 30.6976, 22.6262



54.9992, 50.2315, 32.5024



37.5571, 40.8556, 24.3192



9.2427, 9.4884, 9.4512



14.8451, 9.4665, 1.0448



0.5818, 0.4506, 0.0563

Inverse Universe

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



29.3896, 33.3548, 49.1453



48.4702, 55.8137, 88.4542



24.7212, 24.0179, 47.5892



9.0076, 9.6924, 11.4755



10.8820, 12.2236, 33.0389



0.4380, 0.5397, 1.1828

Previews

White Background



This preview shows how the XYZ color 32.4773, 30.6962, 22.6256 looks on a white background.

Color Contrast Check

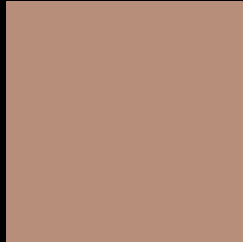
Large Text (above 18pt) WCAG AA × Fail

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 32.4773, 30.6962, 22.6256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

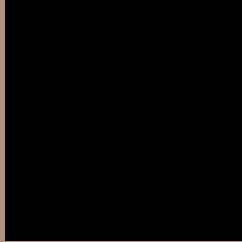
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4773, 30.6962, 22.6256

Background



This preview shows how black text looks on a background with the XYZ color 32.4773, 30.6962, 22.6256.



This preview shows how white text looks on a background with the XYZ color 32.4773, 30.6962,

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

32.4773, 30.6962, 22.6256

Protanopia

28.9703, 30.6900, 24.1355

Deuteranopia

31.2558, 30.7452, 22.3762



Tritanopia

34.5209, 30.6612, 32.5325

Trichromacy



Original Color

32.4773, 30.6962, 22.6256

Protanomaly

30.0717, 30.5636, 23.7164

Deuteranomaly

31.7845, 30.7920, 22.3574

Tritanomaly

33.6600, 30.5197, 28.5429

Monochromacy



Original Color

32.4773, 30.6962, 22.6256

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5019, 30.8894, 29.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4773, 30.6962, 22.6256 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(182, 142, 122)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 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(182, 142, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.4773, 30.6962, 22.6256 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(182, 142, 122) }
```


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

```
.border{ border-color:rgb(182, 142, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 122);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4773, 30.6962, 22.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 122) }
```

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

```
.background{ background-color: rgb(182,  
142, 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](#).

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