

Converting Colors

XYZ(30.5822, 32.8772, 17.8308)

Have a look what the booklet for
XYZ(30.5822, 32.8772, 17.8308)
contains.

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Color

**XYZ(30.5822, 32.8772,
17.8308)**

Conversions

Conversions Part 1

Format	Color
Hex	A99B68
RGB	169, 155, 104
RGB Percent	66%, 61%, 41%
CMY	0.3373, 0.3921, 0.5922
CMYK	0.00, 0.08, 0.38, 0.34
HSL	47°, 27%, 54%
HSV	47°, 38%, 66%
XYZ	30.5822, 32.8772, 17.8308
YIQ	153.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

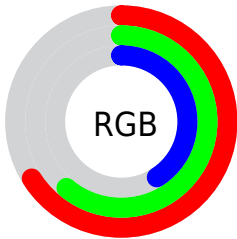
Format	Color
RYB	122, 169, 104
Decimal	11115368
CIELab	64.06, -2.47, 28.62
CIELCh	64, 28.722, 94.936
Yxy	32.8772, 0.3762, 0.4044
Android (android.graphics.Color)	4289305448 (0xFFA99B68)
YUV	153.3720, -24.3404, 13.7058
Hunter-Lab	57.3386, -5.1377, 21.6994

Details

The XYZ color **30.5822, 32.8772, 17.8308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.3486, 18.7639, 40.1380**, and the grayscale version is **30.5364, 32.1267, 34.9860**.

A 20% lighter version of the original color is **59.8526, 64.0088, 40.6529**, and **12.8666, 13.8992, 5.7460** is the 20% darker color. If you saturate the color by 10%, you get **29.2122, 31.3759, 13.5551**, and if you desaturate by 10%, it is **32.1442, 34.4869, 23.0200**.

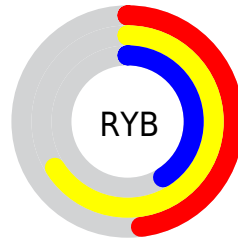
Distribution



Red (66%)

Green (61%)

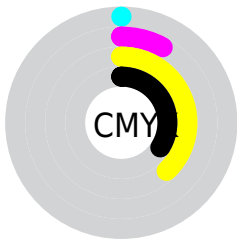
Blue (41%)



Red (48%)

Yellow (66%)

Blue (41%)

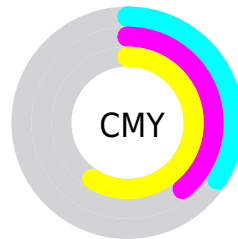


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (34%)



Cyan (34%)


Magenta (39%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5822, 32.8772, 17.8308 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 30.5822, 32.8772, 17.8308 by changing the saturation by 10% instead.


 30.5822, 32.8772,
17.8308

 30.5822, 32.8772,
17.8308


296.4702,
315.0960, 252.1196


 20.4312, 22.0324,
10.6604

 59.9620, 64.1838,
40.5588


 12.8189, 13.8807,
5.7277


 79.9215, 85.4143,
56.9536

 7.3801, 8.0377,
2.6141


 103.8812,
110.8755, 77.2601

 3.7494, 4.1191,
0.8997

 132.2065,
140.9519, 101.8971

 1.5613, 1.7404,
0.0000

165.2627,
176.0277, 131.2830

 0.3670, 0.4496,
0.0000

203.4151,

 0.0000, 0.0000,

216.4874, 165.8363

0.0000

247.0292,
262.7154, 205.9757

■ 30.5822, 32.8772,
17.8308

■ 30.5822, 32.8772,
17.8308

■ 29.2122, 31.3759,
13.5551

■ 32.1442, 34.4869,
23.0200

■ 28.0211, 29.9740,
10.1365

■ 33.9053, 36.2045,
29.1707

■ 26.9983, 28.6680,
7.5152

■ 35.8754, 38.0353,
36.3298

■ 26.1306, 27.4525,
5.6231

■ 38.0627, 39.9830,
44.5408

■ 25.4027, 26.3212,
4.3804

■ 40.4752, 42.0510,
53.8443

■ 24.7874, 25.2627,
3.6445

■ 43.1202, 44.2424,
64.2790

■ 24.6965, 25.1038,
3.5439

■ 46.0051, 46.5604,
75.8816

■ 49.1364, 49.0079,
88.6872

■ 52.3429, 51.5165,
101.7927

Harmonies

Analogous

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



34.6721, 32.8772, 19.1313



30.5822, 32.8772, 17.8308



26.9901, 32.8772, 20.4257

Triad

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



30.5822, 32.8772, 17.8308



25.2788, 32.8772, 50.1799



38.8630, 32.8772, 46.1231

Complementary

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



30.5822, 32.8772, 17.8308



19.3486, 18.7639, 40.1380

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.



35.9334, 32.8772, 57.4194



30.5822, 32.8772, 17.8308



28.0586, 32.8772, 60.0947

Square

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



30.5822, 32.8772, 17.8308



24.1019, 32.8772, 37.7551



31.9250, 32.8772, 62.9952



39.6849, 32.8772, 33.9091

Rectangle

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



30.5822, 32.8772, 17.8308



25.2874, 32.8772, 24.4335



31.9250, 32.8772, 62.9952



38.0803, 32.8772, 50.2310

Sweetspot

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



30.5830, 32.8787, 17.8315



62.8816, 66.8641, 60.0346



24.5877, 19.6460, 19.6621



13.6104, 14.4854, 12.7388



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.



30.5830, 32.8787, 17.8315



52.6970, 56.6208, 25.4228



29.3721, 35.9149, 18.4813



8.0078, 8.4956, 8.0070



18.4463, 18.7899, 2.6546



0.4821, 0.5238, 0.0757

Inverse Universe

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



19.3486, 18.7639, 40.1380



29.7533, 27.8094, 71.0247



20.1972, 16.9337, 39.7400



7.2579, 7.5527, 9.4936



5.8497, 3.1597, 28.2771



0.1775, 0.1473, 0.6997

Previews

White Background



This preview shows how the XYZ color 30.5822, 32.8772, 17.8308 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 30.5822, 32.8772, 17.8308 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 30.5822, 32.8772, 17.8308

Background



This preview shows how black text looks on a background with the XYZ color 30.5822, 32.8772, 17.8308.



This preview shows how white text looks on a background with the XYZ color 30.5822, 32.8772,

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

30.5822, 32.8772, 17.8308

Protanopia

30.3685, 32.7670, 17.8208

Deuteranopia

33.5469, 32.9539, 17.9572



Tritanopia

34.6143, 32.8318, 37.7705

Trichromacy



Original Color

30.5822, 32.8772, 17.8308

Protanomaly

30.3685, 32.7670, 17.8208

Deuteranomaly

32.4388, 32.8564, 17.9968

Tritanomaly

33.0338, 32.9109, 29.4223

Monochromacy



Original Color

30.5822, 32.8772, 17.8308

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2269, 32.2314, 27.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5822, 32.8772, 17.8308 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(169, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 104)  
}
```

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(169, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.5822, 32.8772, 17.8308 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(169, 155, 104) }
```


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

```
.border{ border-color:rgb(169, 155, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5822, 32.8772, 17.8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 104) }
```

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

```
.background{ background-color: rgb(169,  
155, 104) }
```

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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