

Converting Colors

XYZ(32.8363, 37.9286, 24.7700)

Have a look what the booklet for
XYZ(32.8363, 37.9286, 24.7700)
contains.

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Color

**XYZ(32.7108, 37.7818,
24.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AA7C
RGB	161, 170, 124
RGB Percent	63%, 67%, 49%
CMY	0.3686, 0.3333, 0.5137
CMYK	0.05, 0.00, 0.27, 0.33
HSL	72°, 21%, 58%
HSV	72°, 27%, 67%
XYZ	32.7108, 37.7818, 24.6373
YIQ	162.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

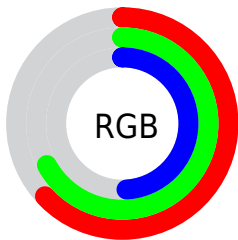
Format	Color
RYB	124, 170, 133
Decimal	10594940
CIELab	67.86, -11.07, 22.71
CIELCh	68, 25.267, 115.987
Yxy	37.7818, 0.3439, 0.3972
Android (android.graphics.Color)	4288785020 (0xFFA1AA7C)
YUV	162.0650, -18.7660, -0.9340
Hunter-Lab	61.4669, -12.5749, 19.2621

Details

The XYZ color **32.7108, 37.7818, 24.6373** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.1376, 22.3051, 41.0655**, and the grayscale version is **34.4560, 36.2504, 39.4767**.

A 20% lighter version of the original color is **63.1799, 71.6237, 52.0898**, and **14.0551, 16.7161, 9.1424** is the 20% darker color. If you saturate the color by 10%, you get **31.0658, 37.0486, 19.4240**, and if you desaturate by 10%, it is **34.5610, 38.6017, 30.8293**.

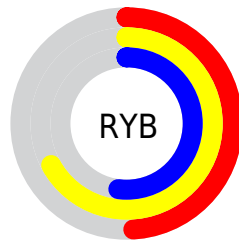
Distribution



Red (63%)

Green (67%)

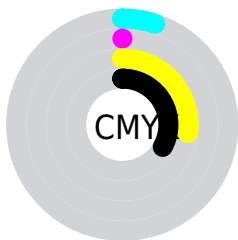
Blue (49%)



Red (49%)

Yellow (67%)

Blue (52%)

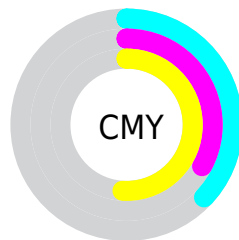


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7108, 37.7818, 24.6373 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 32.7108, 37.7818, 24.6373 by changing the saturation by 10% instead.

■ 32.7108, 37.7818,
24.6373

■ 32.7108, 37.7818,
24.6373

306.0326,
336.6830, 289.4165

■ 22.0632, 25.8134,
15.5905

■ 63.2815, 71.7736,
52.0250

■ 14.0202, 16.6841,
9.0836

■ 83.9352, 94.5657,
71.2030

■ 8.2165, 10.0095,
4.6982

■ 108.6550,
121.7346, 94.5951

■ 4.2868, 5.4053,
2.0157

137.8062,
153.6645, 122.6198

■ 1.8656, 2.4870,
0.5649

171.7543,
190.7399, 155.6958

■ 0.5567, 0.8701,
0.0000

210.8644,

■ 0.0000, 0.0000,

233.3452, 194.2416

0.0000

255.5021,
281.8648, 238.6756

■ 32.7108, 37.7818,
24.6373

■ 32.7108, 37.7818,
24.6373

■ 31.0658, 37.0486,
19.4240

■ 34.5610, 38.6017,
30.8293

■ 29.6134, 36.3933,
15.1368

■ 36.6224, 39.5068,
38.0442

■ 28.3441, 35.8132,
11.7221

■ 38.9045, 40.5023,
46.3261

■ 27.2463, 35.3037,
9.1196

■ 41.4150, 41.5913,
55.7161

■ 26.3070, 34.8597,
7.2615

■ 44.1616, 42.7768,
66.2531

■ 25.5110, 34.4749,
6.0687

■ 47.1514, 44.0618,
77.9740

■ 24.8361, 34.1405,
5.4243

■ 50.3911, 45.4489,
90.9142

■ 24.6480, 34.0467,
5.2726

■ 53.0710, 46.6142,
100.8080

■ 53.8980, 47.0406,
100.8467

Harmonies

Analogous

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



36.4400, 37.7818, 23.1562



32.7108, 37.7818, 24.6373



30.0229, 37.7818, 30.2147

Triad

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



32.7108, 37.7818, 24.6373



31.8606, 37.7818, 61.7299



43.9586, 37.7818, 42.6657

Complementary

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



32.7108, 37.7818, 24.6373



24.1376, 22.3051, 41.0655

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.



42.5214, 37.7818, 54.4199



32.7108, 37.7818, 24.6373



35.3861, 37.7818, 66.6207

Square

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



32.7108, 37.7818, 24.6373



29.5577, 37.7818, 51.3301



39.3123, 37.7818, 63.7293



43.1139, 37.7818, 32.3930

Rectangle

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



32.7108, 37.7818, 24.6373



29.0883, 37.7818, 36.1336



39.3123, 37.7818, 63.7293



43.7237, 37.7818, 46.5843

Sweetspot

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



32.7118, 37.7835, 24.6381



66.0189, 71.4909, 67.5105



28.5271, 26.6226, 22.7044



14.5952, 15.8870, 14.6040



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.7118, 37.7835, 24.6381



57.6557, 67.7961, 39.2649



28.5894, 35.6583, 24.4452



8.0009, 8.6986, 8.0466



18.1755, 25.0670, 3.8805



0.4780, 0.6283, 0.0961

Inverse Universe

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



24.1376, 22.3051, 41.0655



39.6741, 35.3263, 73.7295



28.0655, 24.3300, 41.2493



7.2638, 7.3686, 9.4578



5.8426, 2.3954, 28.1299



0.1798, 0.0777, 0.6862

Previews

White Background



This preview shows how the XYZ color 32.7108, 37.7818, 24.6373 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 32.7108, 37.7818, 24.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

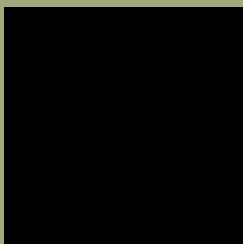
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

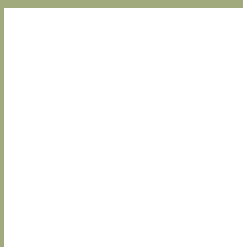
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7108, 37.7818, 24.6373

Background



This preview shows how black text looks on a background with the XYZ color 32.7108, 37.7818, 24.6373.



This preview shows how white text looks on a background with the XYZ color 32.7108, 37.7818,

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

32.7108, 37.7818, 24.6373

Protanopia

35.0994, 37.6625, 23.8320

Deuteranopia

38.2409, 37.4294, 24.9477



Tritanopia

37.0821, 37.6538, 46.3878

Trichromacy



Original Color

32.7108, 37.7818, 24.6373

Protanomaly

34.1885, 37.7254, 24.2187

Deuteranomaly

35.9134, 37.2664, 24.7023

Tritanomaly

35.2391, 37.7061, 37.3190

Monochromacy



Original Color

32.7108, 37.7818, 24.6373

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7007, 36.7298, 33.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7108, 37.7818, 24.6373 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(161, 170, 124)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 124)  
}
```

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(161, 170, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 124) }
```

Border

The CSS property to change the border of an element to XYZ 32.7108, 37.7818, 24.6373 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(161, 170, 124) }
```


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

```
.border{ border-color:rgb(161, 170, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 170, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 170, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 170, 124);  
box-shadow:4px 4px 4px 4px rgb(161, 170,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7108, 37.7818, 24.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 124) }
```

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

```
.background{ background-color: rgb(161,  
170, 124) }
```

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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