

Converting Colors

XYZ(30.9462, 30.8277, 24.5695)

Have a look what the booklet for
XYZ(30.9462, 30.8277, 24.5695)
contains.

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Color

**XYZ(30.9698, 30.7742,
24.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9280
RGB	171, 146, 128
RGB Percent	67%, 57%, 50%
CMY	0.3294, 0.4274, 0.4980
CMYK	0.00, 0.15, 0.25, 0.33
HSL	25°, 20%, 59%
HSV	25°, 25%, 67%
XYZ	30.9698, 30.7742, 24.7298
YIQ	151.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

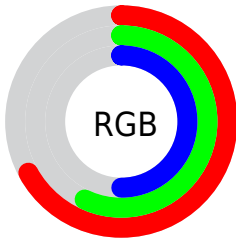
Format	Color
RYB	171, 159, 128
Decimal	11244160
CIELab	62.32, 6.49, 13.00
CIELCh	62, 14.533, 63.474
Yxy	30.7742, 0.3581, 0.3559
Android (android.graphics.Color)	4289434240 (0xFFAB9280)
YUV	151.4230, -11.5475, 17.1690
Hunter-Lab	55.4745, 2.5710, 12.4014

Details

The XYZ color **30.9698, 30.7742, 24.7298** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6439, 30.3113, 42.9221**, and the grayscale version is **29.6392, 31.1827, 33.9580**.

A 20% lighter version of the original color is **60.6733, 60.9756, 52.2877**, and **13.0654, 12.7818, 9.1757** is the 20% darker color. If you saturate the color by 10%, you get **28.4716, 27.4298, 18.8042**, and if you desaturate by 10%, it is **33.7926, 34.4639, 31.7001**.

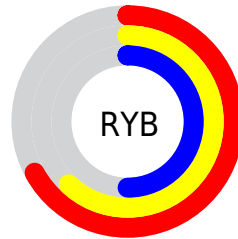
Distribution



Red (67%)

Green (57%)

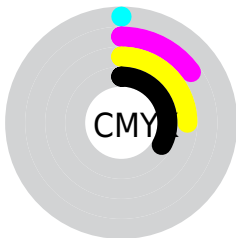
Blue (50%)



Red (67%)

Yellow (62%)

Blue (50%)

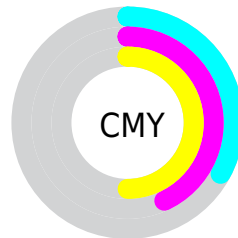


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9698, 30.7742, 24.7298 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 30.9698, 30.7742, 24.7298 by changing the saturation by 10% instead.


 30.9698, 30.7742,
24.7298


 30.9698, 30.7742,
24.7298


298.2285,
305.4967, 289.8941


 20.7276, 20.4270,
15.6587


 60.5687, 60.8844,
52.1772

 13.0363, 12.7058,
9.1312


 80.6561, 81.4161,
71.3906

 7.5307, 7.2263,
4.7289


 104.7558,
106.1115, 94.8218

 3.8454, 3.6040,
2.0331

133.2334,
135.3549, 122.8893

 1.6151, 1.4546,
0.5755

166.4541,
169.5308, 156.0118

 0.4022, 0.2565,
0.0000

204.7833,

 0.0000, 0.0000,

209.0234, 194.6078

0.0000

248.5863,
254.2173, 239.0957

■ 30.9698, 30.7742,
24.7298

■ 30.9698, 30.7742,
24.7298

■ 28.4716, 27.4298,
18.8042

■ 33.7926, 34.4639,
31.7001

■ 26.2828, 24.4158,
13.8704

■ 36.9496, 38.5046,
39.7610

■ 24.3902, 21.7225,
9.8733

■ 40.4532, 42.9074,
48.9576

■ 22.7788, 19.3380,
6.7519

■ 44.3141, 47.6814,
59.3323

■ 21.4321, 17.2496,
4.4377

■ 48.5427, 52.8355,
70.9248

■ 20.3312, 15.4432,
2.8518

■ 53.1489, 58.3783,
83.7735

■ 19.4537, 13.9031,
1.8966

■ 58.1423, 64.3179,
97.9146

■ 19.0860, 13.2405,
1.5497

■ 61.9132, 70.0149,
104.8588

■ 64.6877, 75.5640,
105.7836

Harmonies

Analogous

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



32.5157, 30.7742, 27.8877



30.9698, 30.7742, 24.7298



29.0217, 30.7742, 23.8271

Triad

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



30.9698, 30.7742, 24.7298



25.6388, 30.7742, 34.1677



31.3835, 30.7742, 43.3672

Complementary

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



30.9698, 30.7742, 24.7298



27.6439, 30.3113, 42.9221

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.



29.4794, 30.7742, 45.5091



30.9698, 30.7742, 24.7298



26.2106, 30.7742, 39.8366

Square

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



30.9698, 30.7742, 24.7298



25.9984, 30.7742, 28.9044



27.5950, 30.7742, 44.1504



32.7619, 30.7742, 38.5759

Rectangle

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



30.9698, 30.7742, 24.7298



27.7708, 30.7742, 24.5314



27.5950, 30.7742, 44.1504



30.7807, 30.7742, 44.4438

Sweetspot

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



30.9706, 30.7756, 24.7304



64.4164, 66.7241, 66.6748



30.2708, 26.3993, 33.6736



14.1764, 14.6388, 14.3852



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.



30.9706, 30.7756, 24.7304



52.9860, 51.8155, 38.3491



34.5864, 38.0071, 25.9357



8.2705, 8.5457, 8.4270



14.4376, 10.0808, 1.1848



0.4565, 0.3902, 0.0512

Inverse Universe

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



27.6439, 30.3113, 42.9221



46.0274, 50.8405, 76.3892



24.4480, 23.9196, 41.8568



7.9510, 8.5014, 10.1746



8.9869, 9.1076, 30.3288



0.3025, 0.3583, 0.8612

Previews

White Background



This preview shows how the XYZ color 30.9698, 30.7742, 24.7298 looks on a white background.

Color Contrast Check

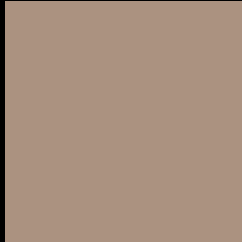
Large Text (above 18pt) WCAG AA × Fail

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 30.9698, 30.7742, 24.7298 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 30.9698, 30.7742, 24.7298

Background



This preview shows how black text looks on a background with the XYZ color 30.9698, 30.7742, 24.7298.



This preview shows how white text looks on a background with the XYZ color 30.9698, 30.7742,

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

30.9698, 30.7742, 24.7298

Protanopia

29.0362, 30.6935, 25.5132

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

32.8783, 30.6446, 34.3191

Trichromacy



Original Color

30.9698, 30.7742, 24.7298

Protanomaly

29.8142, 30.8664, 25.1553

Deuteranomaly

31.0349, 30.5800, 24.6889

Tritanomaly

32.0901, 30.5428, 30.5896

Monochromacy



Original Color

30.9698, 30.7742, 24.7298

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8059, 30.7472, 30.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9698, 30.7742, 24.7298 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(171, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 128)  
}
```

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(171, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.9698, 30.7742, 24.7298 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(171, 146, 128) }
```


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

```
.border{ border-color:rgb(171, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9698, 30.7742, 24.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 128) }
```

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

```
.background{ background-color: rgb(171,  
146, 128) }
```

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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