

Converting Colors

XYZ(33.2450, 32.9208, 29.2248)

Have a look what the booklet for
XYZ(33.2450, 32.9208, 29.2248)
contains.

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Color

**XYZ(33.2558, 33.0253,
29.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	AE978C
RGB	174, 151, 140
RGB Percent	68%, 59%, 55%
CMY	0.3176, 0.4078, 0.4510
CMYK	0.00, 0.13, 0.20, 0.32
HSL	19°, 17%, 62%
HSV	19°, 20%, 68%
XYZ	33.2558, 33.0253, 29.4327
YIQ	156.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

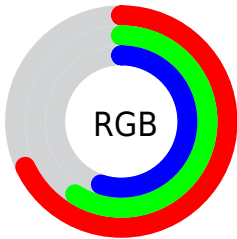
Format	Color
RYB	174, 156, 140
Decimal	11442060
CIELab	64.18, 6.72, 8.93
CIELCh	64, 11.173, 53.039
Yxy	33.0253, 0.3475, 0.3450
Android (android.graphics.Color)	4289632140 (0xFFAE978C)
YUV	156.6230, -8.1951, 15.2396
Hunter-Lab	57.4676, 2.7273, 9.8613

Details

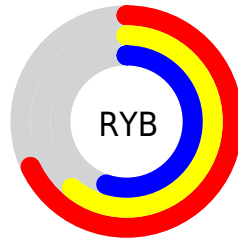
The XYZ color **33.2558, 33.0253, 29.4327** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5522, 34.8251, 45.1037**, and the grayscale version is **31.9094, 33.5712, 36.5590**.

A 20% lighter version of the original color is **64.2021, 64.3807, 60.0818**, and **14.2878, 13.9175, 11.6062** is the 20% darker color. If you saturate the color by 10%, you get **30.2726, 28.9522, 22.6010**, and if you desaturate by 10%, it is **36.6328, 37.5607, 37.3974**.

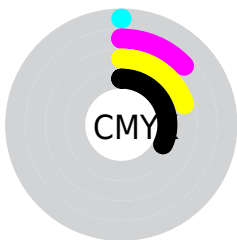
Distribution



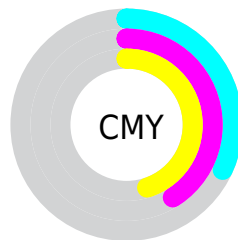
- Red (68%)
- Green (59%)
- Blue (55%)



- Red (68%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2558, 33.0253, 29.4327 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 33.2558, 33.0253, 29.4327 by changing the saturation by 10% instead.


 33.2558, 33.0253,
29.4327


 33.2558, 33.0253,
29.4327


308.4455,
315.7637, 313.3757

 22.4826, 22.1458,
19.1600


 64.1267, 64.4150,
59.8142

 14.3306, 13.9641,
11.6080


 84.9552, 85.6941,
80.7601

 8.4342, 8.0957,
6.3581


 109.8661,
111.2084, 106.1009

 4.4281, 4.1562,
2.9917

139.2249,
141.3425, 136.2549

 1.9471, 1.7613,
1.0904

173.3968,
176.4807, 171.6409

 0.6040, 0.4629,
0.0000

212.7474,

 0.0000, 0.0000,

217.0073, 212.6774

0.0000

257.6418,
263.3069, 259.7828

■ 33.2558, 33.0253,
29.4327

■ 33.2558, 33.0253,
29.4327

■ 30.2726, 28.9522,
22.6010

■ 36.6328, 37.5607,
37.3974

■ 27.6656, 25.3222,
16.8484

■ 40.4151, 42.5681,
46.5416

■ 25.4195, 22.1211,
12.1194

■ 44.6170, 48.0625,
56.9117

■ 23.5170, 19.3322,
8.3529

■ 49.2514, 54.0569,
68.5509

■ 21.9393, 16.9377,
5.4812

■ 54.3304, 60.5637,
81.5006

■ 20.6654, 14.9183,
3.4276

■ 59.8659, 67.5948,
95.7998

■ 19.6714, 13.2528,
2.1022

■ 64.7544, 74.7161,
105.6165

■ 18.9159, 11.9121,
1.3253

■ 68.2054, 81.6182,
106.7668

■ 18.8850, 11.8573,
1.2933

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



34.2752, 33.0253, 32.6537



33.2558, 33.0253, 29.4327



31.7600, 33.0253, 27.9804

Triad

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



33.2558, 33.0253, 29.4327



28.4637, 33.0253, 34.9126



32.5961, 33.0253, 44.5935

Complementary

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



33.2558, 33.0253, 29.4327



31.5522, 34.8251, 45.1037

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.



31.0220, 33.0253, 45.3260



33.2558, 33.0253, 29.4327



28.6706, 33.0253, 39.4800

Square

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



33.2558, 33.0253, 29.4327



29.0194, 33.0253, 30.9673



29.5945, 33.0253, 43.3849



33.8854, 33.0253, 41.4600

Rectangle

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



33.2558, 33.0253, 29.4327



30.7077, 33.0253, 28.1164



29.5945, 33.0253, 43.3849



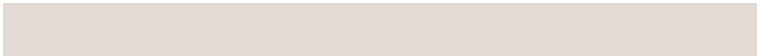
32.0814, 33.0253, 45.1390

Sweetspot

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



33.2567, 33.0268, 29.4334



68.7193, 71.1517, 73.2844



33.4658, 30.4080, 38.8659



15.1789, 15.6885, 16.0603



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.2567, 33.0268, 29.4334



58.1478, 56.9513, 48.3576



36.1491, 38.8117, 30.3975



8.2090, 8.4228, 8.4065



13.7460, 8.6975, 0.9543



0.4328, 0.3428, 0.0434

Inverse Universe

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



31.5522, 34.8251, 45.1037



54.5425, 60.7501, 81.4881



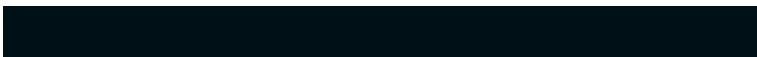
28.7705, 29.2617, 44.1764



8.0145, 8.6284, 10.1957



10.2693, 11.6724, 30.7563



0.3325, 0.4183, 0.8712

Previews

White Background



This preview shows how the XYZ color 33.2558, 33.0253, 29.4327 looks on a white background.

Color Contrast Check

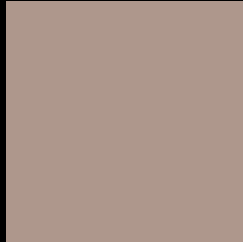
Large Text (above 18pt) WCAG AA × Fail

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 33.2558, 33.0253, 29.4327 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 33.2558, 33.0253, 29.4327

Background



This preview shows how black text looks on a background with the XYZ color 33.2558, 33.0253, 29.4327.



This preview shows how white text looks on a background with the XYZ color 33.2558, 33.0253,

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

33.2558, 33.0253, 29.4327

Protanopia

31.5041, 33.0771, 30.3153

Deuteranopia

33.5445, 32.9362, 29.4003



Tritanopia

34.8396, 32.9480, 37.7811

Trichromacy



Original Color

33.2558, 33.0253, 29.4327

Protanomaly

32.0892, 33.1413, 29.9049

Deuteranomaly

33.3192, 32.8201, 29.3897

Tritanomaly

34.1764, 32.9088, 34.6877

Monochromacy



Original Color

33.2558, 33.0253, 29.4327

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4115, 33.4636, 34.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2558, 33.0253, 29.4327 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(174, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 140)  
}
```

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(174, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 140) }
```

Border

The CSS property to change the border of an element to XYZ 33.2558, 33.0253, 29.4327 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(174, 151, 140) }
```


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

```
.border{ border-color:rgb(174, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2558, 33.0253, 29.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 140) }
```

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

```
.background{ background-color: rgb(174,  
151, 140) }
```

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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