

Converting Colors

XYZ(33.1163, 34.1058, 28.0163)

Have a look what the booklet for
XYZ(33.1163, 34.1058, 28.0163)
contains.

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Color

**XYZ(33.1270, 34.2124,
28.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9C88
RGB	171, 156, 136
RGB Percent	67%, 61%, 53%
CMY	0.3294, 0.3882, 0.4667
CMYK	0.00, 0.09, 0.20, 0.33
HSL	34°, 17%, 60%
HSV	34°, 20%, 67%
XYZ	33.1270, 34.2124, 28.1502
YIQ	158.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

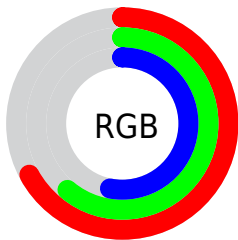
Format	Color
RYB	162, 171, 136
Decimal	11246728
CIELab	65.13, 2.17, 12.47
CIELCh	65, 12.658, 80.128
Yxy	34.2124, 0.3469, 0.3583
Android (android.graphics.Color)	4289436808 (0xFFAB9C88)
YUV	158.2050, -10.9471, 11.2212
Hunter-Lab	58.4914, -1.2652, 12.4094

Details

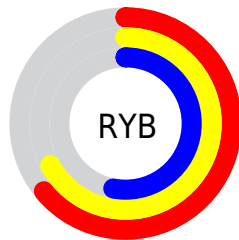
The XYZ color **33.1270, 34.2124, 28.1502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5705, 30.3071, 42.8724**, and the grayscale version is **32.6364, 34.3361, 37.3920**.

A 20% lighter version of the original color is **63.9105, 66.0982, 57.5339**, and **14.2025, 14.6266, 10.8788** is the 20% darker color. If you saturate the color by 10%, you get **30.8150, 31.3804, 21.8545**, and if you desaturate by 10%, it is **35.7089, 37.2734, 35.4933**.

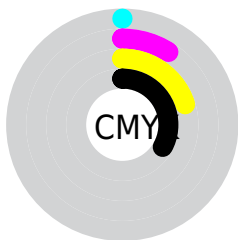
Distribution



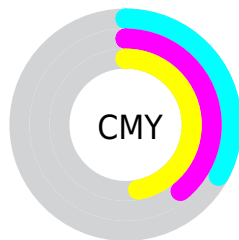
- Red (67%)
- Green (61%)
- Blue (53%)



- Red (64%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1270, 34.2124, 28.1502 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 33.1270, 34.2124, 28.1502 by changing the saturation by 10% instead.

■ 33.1270, 34.2124,
28.1502

■ 33.1270, 34.2124,
28.1502

307.8765,
321.0781, 307.1184

■ 22.3835, 23.0568,
18.1989

■ 63.9271, 66.2638,
57.7501

■ 14.2571, 14.6355,
10.9220

■ 84.7144, 87.9285,
78.2358

■ 8.3826, 8.5640,
5.9009

■ 109.5803,
113.8649, 103.0701

■ 4.3946, 4.4579,
2.7171

138.8901,
144.4576, 132.6714

■ 1.9277, 1.9328,
0.9520

173.0093,
180.0908, 167.4584

■ 0.5929, 0.5680,
0.0000

212.3032,

■ 0.0000, 0.0000,

221.1491, 207.8495

0.0000

257.1372,
268.0167, 254.2633

■ 33.1270, 34.2124,
28.1502

■ 33.1270, 34.2124,
28.1502

■ 30.8150, 31.3804,
21.8545

■ 35.7089, 37.2734,
35.4933

■ 28.7597, 28.7665,
16.5554

■ 38.5679, 40.5647,
43.9272

■ 26.9509, 26.3657,
12.2008

■ 41.7141, 44.0937,
53.4954

■ 25.3762, 24.1709,
8.7332

■ 45.1564, 47.8656,
64.2385

■ 24.0222, 22.1743,
6.0885

■ 48.9031, 51.8858,
76.1950

■ 22.8737, 20.3677,
4.1942

■ 52.9623, 56.1594,
89.4015

■ 21.9131, 18.7415,
2.9646

■ 57.2286, 60.6458,
103.2973

■ 21.1372, 17.3430,
2.2335

■ 59.0486, 64.2857,
103.9039

■ 60.9520, 68.0925,
104.5384

Harmonies

Analogous

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



34.8345, 34.2124, 30.0166



33.1270, 34.2124, 28.1502



31.3178, 34.2124, 28.5402

Triad

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



33.1270, 34.2124, 28.1502



29.3138, 34.2124, 40.8411



35.3039, 34.2124, 44.1179

Complementary

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



33.1270, 34.2124, 28.1502



28.5705, 30.3071, 42.8724

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.



33.7482, 34.2124, 47.5763



33.1270, 34.2124, 28.1502



30.3063, 34.2124, 45.5644

Square

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



33.1270, 34.2124, 28.1502



29.1616, 34.2124, 35.5445



31.9162, 34.2124, 48.1292



36.1222, 34.2124, 39.0123

Rectangle

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



33.1270, 34.2124, 28.1502



30.2947, 34.2124, 30.0418



31.9162, 34.2124, 48.1292



34.8472, 34.2124, 45.5311

Sweetspot

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



33.1279, 34.2139, 28.1509



66.1233, 69.2734, 69.9088



31.1986, 28.5065, 33.2075



14.6749, 15.3665, 15.3816



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.



33.1279, 34.2139, 28.1509



57.2105, 58.7006, 44.5781



35.2980, 39.3019, 29.0186



8.3709, 8.7465, 8.4604



15.9873, 13.1801, 1.7014



0.4976, 0.4724, 0.0650

Inverse Universe

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



28.5705, 30.3071, 42.8724



47.4184, 50.3076, 76.2130



26.6917, 25.9808, 42.1364



7.8505, 8.3004, 10.1411



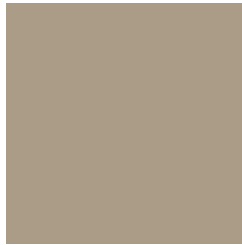
7.4010, 5.9359, 29.8002



0.2609, 0.2751, 0.8473

Previews

White Background



This preview shows how the XYZ color 33.1270, 34.2124, 28.1502 looks on a white background.

Color Contrast Check

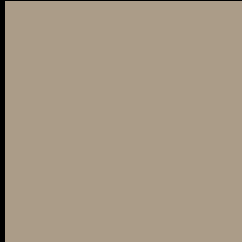
Large Text (above 18pt) WCAG AA × Fail

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 33.1270, 34.2124, 28.1502 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

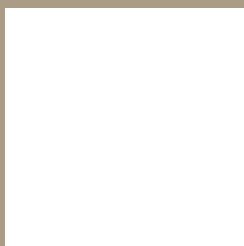
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1270, 34.2124, 28.1502

Background



This preview shows how black text looks on a background with the XYZ color 33.1270, 34.2124, 28.1502.



This preview shows how white text looks on a background with the XYZ color 33.1270, 34.2124,

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

33.1270, 34.2124, 28.1502

Protanopia

32.4681, 34.3669, 28.5891

Deuteranopia

34.7996, 34.0864, 28.4121



Tritanopia

35.6083, 34.2508, 39.8563

Trichromacy



Original Color

33.1270, 34.2124, 28.1502

Protanomaly

32.7208, 34.2449, 28.5523

Deuteranomaly

34.0381, 33.9357, 28.4232

Tritanomaly

34.6795, 34.1142, 35.3287

Monochromacy



Original Color

33.1270, 34.2124, 28.1502

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6662, 34.1025, 33.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1270, 34.2124, 28.1502 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, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 136)  
}
```

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, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 136) }
```

Border

The CSS property to change the border of an element to XYZ 33.1270, 34.2124, 28.1502 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, 156, 136) }
```


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

```
.border{ border-color:rgb(171, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1270, 34.2124, 28.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 136) }
```

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

```
.background{ background-color: rgb(171,  
156, 136) }
```

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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