

Converting Colors

XYZ(30.9285, 28.7150, 29.4737)

Have a look what the booklet for
XYZ(30.9285, 28.7150, 29.4737)
contains.

XYZ(30.8414, 28.6150, 29.4889)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8414, 28.6150,
29.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	AC898E
RGB	172, 137, 142
RGB Percent	67%, 54%, 56%
CMY	0.3255, 0.4627, 0.4431
CMYK	0.00, 0.20, 0.17, 0.33
HSL	351°, 17%, 61%
HSV	351°, 20%, 67%
XYZ	30.8414, 28.6150, 29.4889
YIQ	148.0350, 19.2550, 8.9750

Conversions

Conversions Part 2

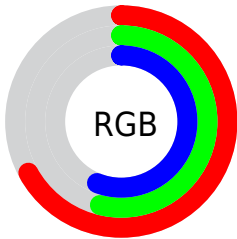
Format	Color
R_{YB}	172, 137, 142
Decimal	11307406
CIE Lab	60.44, 14.10, 2.40
CIE LCh	60, 14.304, 9.639
Yxy	28.6150, 0.3467, 0.3217
Android (android.graphics.Color)	4289497486 (0xFFAC898E)
YUV	148.0350, -2.9753, 21.0173
Hunter-Lab	53.4930, 9.3015, 4.7605

Details

The XYZ color **30.8414, 28.6150, 29.4889** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0453, 37.6141, 42.1324**, and the grayscale version is **28.1700, 29.6370, 32.2747**.

A 20% lighter version of the original color is **60.3722, 57.3064, 60.1038**, and **12.9477, 11.5110, 11.6646** is the 20% darker color. If you saturate the color by 10%, you get **27.5538, 23.6956, 23.2879**, and if you desaturate by 10%, it is **34.6668, 34.3751, 36.5923**.

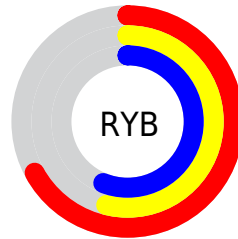
Distribution



Red (67%)

Green (54%)

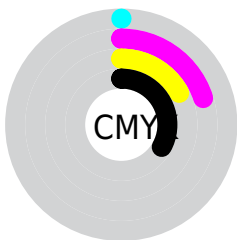
Blue (56%)



Red (67%)

Yellow (54%)

Blue (56%)

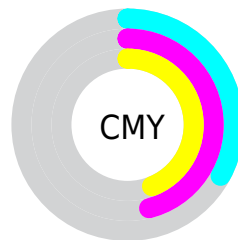


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8414, 28.6150, 29.4889 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 30.8414, 28.6150, 29.4889 by changing the saturation by 10% instead.


 30.8414, 28.6150,
29.4889


 30.8414, 28.6150,
29.4889


297.6469,
295.3941, 313.6476


 20.6293, 18.7898,
19.2022


 60.3678, 57.4648,
59.9044

 12.9642, 11.5185,
11.6382

 80.4129, 77.2582,
80.8703

 7.4808, 6.4167,
6.3783


 104.4664,
101.1431, 106.2330

 3.8135, 3.1001,
3.0040

132.8936,
129.5039, 136.4110

 1.5972, 1.1842,
1.0967

166.0599,
162.7250, 171.8230

 0.3906, 0.0487,
0.0000

204.3306,

 0.0000, 0.0000,

201.1908, 212.8873

0.0000

248.0712,
245.2857, 260.0227

■ 30.8414, 28.6150,
29.4889

■ 30.8414, 28.6150,
29.4889

■ 27.5538, 23.6956,
23.2879

■ 34.6668, 34.3751,
36.5923

■ 24.7776, 19.5740,
17.9515

■ 39.0502, 41.0086,
44.6305

■ 22.4874, 16.2090,
13.4414

■ 44.0138, 48.5511,
53.6364

■ 20.6551, 13.5546,
9.7161

■ 49.5777, 57.0353,
63.6408

■ 19.2493, 11.5595,
6.7303

■ 55.7611, 66.4920,
74.6731

■ 18.2348, 10.1656,
4.4341

■ 62.5823, 76.9509,
86.7616

■ 17.5705, 9.3045,
2.7712

■ 69.2870, 86.8962,
99.6761

■ 17.1841, 8.8390,
1.6953

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



30.6555, 28.6150, 34.8213



30.8414, 28.6150, 29.4889



30.0176, 28.6150, 25.1230

Triad

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



30.8414, 28.6150, 29.4889



25.0000, 28.6150, 23.9797



25.9838, 28.6150, 41.6680

Complementary

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



30.8414, 28.6150, 29.4889



32.0453, 37.6141, 42.1324

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.



24.5602, 28.6150, 38.0869



30.8414, 28.6150, 29.4889



24.0102, 28.6150, 27.7590

Square

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



30.8414, 28.6150, 29.4889



26.6089, 28.6150, 22.1877



23.8529, 28.6150, 32.8866



27.7951, 28.6150, 42.2663

Rectangle

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



30.8414, 28.6150, 29.4889



29.0276, 28.6150, 23.1978



23.8529, 28.6150, 32.8866



25.4464, 28.6150, 40.7554

Sweetspot

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



30.8422, 28.6163, 29.4895



66.1352, 67.2649, 72.3543



32.2765, 29.0595, 42.9378



14.2667, 14.4579, 15.5296



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.



30.8422, 28.6163, 29.4895



53.4008, 48.0889, 48.7099



32.3165, 32.1520, 28.1713



8.0501, 8.0333, 8.5747



12.8005, 6.5827, 1.3290



0.3702, 0.1887, 0.1110

Inverse Universe

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



30.8422, 28.6163, 29.4895



53.4008, 48.0889, 48.7099



30.2915, 33.3530, 43.8712



8.0501, 8.0333, 8.5747



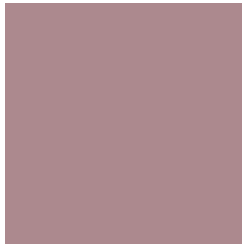
12.8005, 6.5827, 1.3290



0.3702, 0.1887, 0.1110

Previews

White Background



This preview shows how the XYZ color 30.8414, 28.6150, 29.4889 looks on a white background.

Color Contrast Check

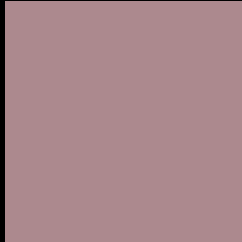
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8414, 28.6150, 29.4889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

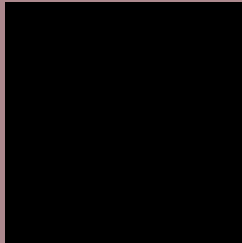
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8414, 28.6150, 29.4889

Background



This preview shows how black text looks on a background with the XYZ color 30.8414, 28.6150, 29.4889.



This preview shows how white text looks on a background with the XYZ color 30.8414, 28.6150,

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

30.8414, 28.6150, 29.4889

Protanopia

27.6046, 28.6533, 31.6795

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

31.3042, 28.5991, 31.4740

Trichromacy



Original Color

30.8414, 28.6150, 29.4889

Protanomaly

28.6885, 28.5584, 30.7883

Deuteranomaly

29.9117, 28.7862, 29.1791

Tritanomaly

31.1486, 28.5369, 30.6545

Monochromacy



Original Color

30.8414, 28.6150, 29.4889

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0662, 29.1899, 31.2964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8414, 28.6150, 29.4889 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(172, 137, 142)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 142)  
}
```

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(172, 137, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.8414, 28.6150, 29.4889 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(172, 137, 142) }
```


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

```
.border{ border-color:rgb(172, 137, 142) }
```

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

Here you see how a box with a 4 pixel rgb(172, 137, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 142);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8414, 28.6150, 29.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 142) }
```

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

```
.background{ background-color: rgb(172,  
137, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor