

Converting Colors

XYZ(29.2863, 28.7753, 16.4241)

Have a look what the booklet for
XYZ(29.2863, 28.7753, 16.4241)
contains.

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Color

**XYZ(29.1826, 28.6944,
16.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8C65
RGB	174, 140, 101
RGB Percent	68%, 55%, 40%
CMY	0.3176, 0.4510, 0.6039
CMYK	0.00, 0.20, 0.42, 0.32
HSL	32°, 31%, 54%
HSV	32°, 42%, 68%
XYZ	29.1826, 28.6944, 16.3124
YIQ	145.7200, 32.7830, -4.9210

Conversions

Conversions Part 2

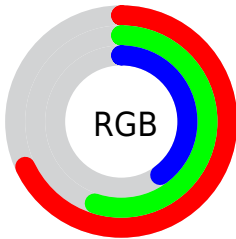
Format	Color
RYB	165, 174, 101
Decimal	11439205
CIELab	60.51, 7.52, 25.69
CIELCh	61, 26.772, 73.679
Yxy	28.6944, 0.3934, 0.3868
Android (android.graphics.Color)	4289629285 (0xFFAE8C65)
YUV	145.7200, -22.0470, 24.8016
Hunter-Lab	53.5672, 3.5017, 19.4419

Details

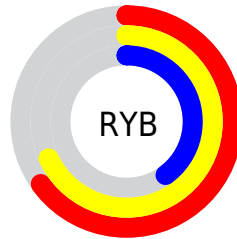
The XYZ color **29.1826, 28.6944, 16.3124** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6705, 23.1498, 43.3706**, and the grayscale version is **27.2855, 28.7065, 31.2614**.

A 20% lighter version of the original color is **57.6925, 57.3959, 37.7436**, and **12.0445, 11.5624, 4.9651** is the 20% darker color. If you saturate the color by 10%, you get **27.2781, 26.1083, 11.9076**, and if you desaturate by 10%, it is **31.3563, 31.5298, 21.6981**.

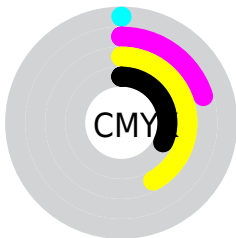
Distribution



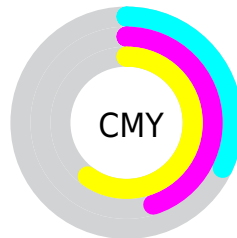
- Red (68%)
- Green (55%)
- Blue (40%)



- Red (65%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1826, 28.6944, 16.3124 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 29.1826, 28.6944, 16.3124 by changing the saturation by 10% instead.


 29.1826, 28.6944,
16.3124


 29.1826, 28.6944,
16.3124


290.0542,
295.7703, 243.0865


 19.3640, 18.8498,
9.5887


 57.7626, 57.5912,
37.9140


 12.0391, 11.5618,
5.0251


 77.2547, 77.4121,
53.6290

 6.8427, 6.4460,
2.2030


 100.7021,
101.3273, 73.1783

 3.4094, 3.1181,
0.6761

 128.4699,
129.7211, 96.9803

 1.3738, 1.1937,
0.0000

160.9238,
162.9779, 125.4535

 0.2374, 0.0566,
0.0000

198.4288,

 0.0000, 0.0000,

201.4821, 159.0166

0.0000

241.3505,
245.6181, 198.0881

■ 29.1826, 28.6944,
16.3124

■ 29.1826, 28.6944,
16.3124

■ 27.2781, 26.1083,
11.9076

■ 31.3563, 31.5298,
21.6981

■ 25.6272, 23.7591,
8.4207

■ 33.8093, 34.6184,
28.1187

■ 24.2160, 21.6393,
5.7843

■ 36.5537, 37.9687,
35.6264

■ 23.0278, 19.7389,
3.9205

■ 39.6003, 41.5879,
44.2693

■ 22.0431, 18.0469,
2.7371

■ 42.9593, 45.4826,
54.0925

■ 21.3671, 16.8218,
2.1208

■ 46.6402, 49.6593,
65.1389

■ 50.6523, 54.1242,
77.4490

■ 55.0043, 58.8832,
91.0615

■ 59.2830, 63.7735,
103.7927

Harmonies

Analogous

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



32.3644, 28.6944, 19.8615



29.1826, 28.6944, 16.3124



25.7324, 28.6944, 16.1657

Triad

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



29.1826, 28.6944, 16.3124



21.3152, 28.6944, 35.9611



32.1223, 28.6944, 47.1186

Complementary

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



29.1826, 28.6944, 16.3124



21.6705, 23.1498, 43.3706

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.



28.8742, 28.6944, 53.6103



29.1826, 28.6944, 16.3124



22.7460, 28.6944, 46.3078

Square

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



29.1826, 28.6944, 16.3124



21.3825, 28.6944, 26.1968



25.4489, 28.6944, 53.2856



34.1571, 28.6944, 36.8996

Rectangle

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



29.1826, 28.6944, 16.3124



23.7532, 28.6944, 17.9367



25.4489, 28.6944, 53.2856



31.1247, 28.6944, 49.8967

Sweetspot

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



29.1833, 28.6958, 16.3130



65.6392, 68.0688, 62.7710



26.4873, 20.0575, 25.4220



14.3414, 14.8289, 13.2671



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.



29.1833, 28.6958, 16.3130



49.8265, 47.8383, 22.3709



34.4034, 39.9334, 18.2069



8.3462, 8.6973, 8.4522



15.5576, 12.3207, 1.5582



0.4869, 0.4509, 0.0614

Inverse Universe

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



21.6705, 23.1498, 43.3706



34.4241, 36.4746, 77.8628



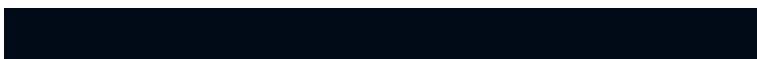
17.9373, 15.2730, 42.0469



7.8748, 8.3490, 10.1492



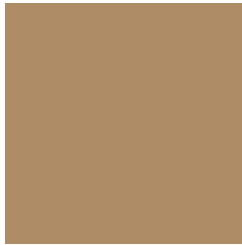
7.7355, 6.6049, 29.9117



0.2703, 0.2939, 0.8505

Previews

White Background



This preview shows how the XYZ color 29.1826, 28.6944, 16.3124 looks on a white background.

Color Contrast Check

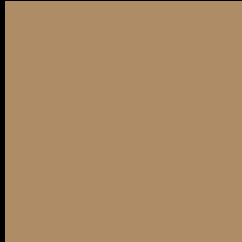
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1826, 28.6944, 16.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

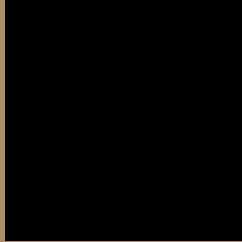
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1826, 28.6944, 16.3124

Background



This preview shows how black text looks on a background with the XYZ color 29.1826, 28.6944, 16.3124.



This preview shows how white text looks on a background with the XYZ color 29.1826, 28.6944,

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

29.1826, 28.6944, 16.3124

Protanopia

26.8781, 28.8263, 17.2441

Deuteranopia

29.1826, 28.6944, 16.3124



Tritanopia

31.9960, 28.5595, 30.6142

Trichromacy



Original Color

29.1826, 28.6944, 16.3124

Protanomaly

27.7313, 28.8183, 16.9329

Deuteranomaly

29.1826, 28.6944, 16.3124

Tritanomaly

30.8981, 28.5404, 24.6492

Monochromacy



Original Color

29.1826, 28.6944, 16.3124

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7128, 28.6261, 25.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1826, 28.6944, 16.3124 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, 140, 101)` looks like.

```
.text, #text, p{  
    color:rgb(174, 140, 101)  
}
```

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, 140, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 140, 101) }
```

Border

The CSS property to change the border of an element to XYZ 29.1826, 28.6944, 16.3124 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, 140, 101) }
```


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

```
.border{ border-color:rgb(174, 140, 101) }
```

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

Here you see how a box with a 4 pixel rgb(174, 140, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 140, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 140, 101);  
box-shadow:4px 4px 4px 4px rgb(174, 140,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1826, 28.6944, 16.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 140, 101) }
```

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

```
.background{ background-color: rgb(174,  
140, 101) }
```

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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