

Converting Colors

XYZ(28.7171, 29.0432, 14.8716)

Have a look what the booklet for
XYZ(28.7171, 29.0432, 14.8716)
contains.

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Color

**XYZ(28.9013, 29.2418,
14.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8F5F
RGB	172, 143, 95
RGB Percent	67%, 56%, 37%
CMY	0.3255, 0.4392, 0.6274
CMYK	0.00, 0.17, 0.45, 0.33
HSL	37°, 32%, 52%
HSV	37°, 45%, 67%
XYZ	28.9013, 29.2418, 14.9474
YIQ	146.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

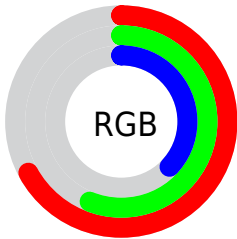
Format	Color
R_{YB}	142, 172, 95
Decimal	11308895
CIE _{Lab}	60.99, 4.35, 29.58
CIE _{LCh}	61, 29.895, 81.629
Yxy	29.2418, 0.3954, 0.4001
Android (android.graphics.Color)	4289498975 (0xFFAC8F5F)
YUV	146.1990, -25.2411, 22.6275
Hunter-Lab	54.0757, 0.7687, 21.4643

Details

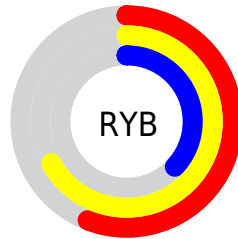
The XYZ color **28.9013, 29.2418, 14.9474** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3731, 19.8261, 41.8355**, and the grayscale version is **27.4948, 28.9267, 31.5012**.

A 20% lighter version of the original color is **57.4677, 58.6658, 35.4889**, and **11.9191, 11.8937, 4.4638** is the 20% darker color. If you saturate the color by 10%, you get **27.2599, 27.0751, 10.9597**, and if you desaturate by 10%, it is **30.7729, 31.5926, 19.8642**.

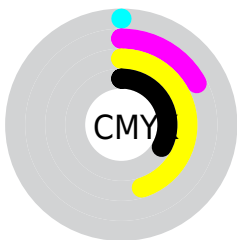
Distribution



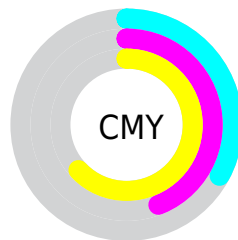
- Red (67%)
- Green (56%)
- Blue (37%)



- Red (56%)
- Yellow (67%)
- Blue (37%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9013, 29.2418, 14.9474 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 28.9013, 29.2418, 14.9474 by changing the saturation by 10% instead.

■ 28.9013, 29.2418,
14.9474

■ 28.9013, 29.2418,
14.9474

288.7516,
298.3541, 234.6774

■ 19.1501, 19.2638,
8.6363

■ 57.3189, 58.4610,
35.5019

■ 11.8834, 11.8611,
4.4111

■ 76.7159, 78.4711,
50.5823

■ 6.7360, 6.6491,
1.8535

■ 100.0590,
102.5939, 69.4229

■ 3.3424, 3.2437,
0.4629

■ 127.7134,
131.2140, 92.4422

■ 1.3373, 1.2602,
0.0000

160.0445,
164.7156, 120.0588

■ 0.2109, 0.1101,
0.0000

197.4177,

■ 0.0000, 0.0000,

203.4833, 152.6911

0.0000

240.1982,
247.9013, 190.7578

■ 28.9013, 29.2418,
14.9474

■ 28.9013, 29.2418,
14.9474

■ 27.2599, 27.0751,
10.9597

■ 30.7729, 31.5926,
19.8642

■ 25.8342, 25.0820,
7.8385

■ 32.8840, 34.1294,
25.7635

■ 24.6110, 23.2566,
5.5161

■ 35.2457, 36.8592,
32.6969

■ 23.5745, 21.5912,
3.9141

■ 37.8679, 39.7873,
40.7118

■ 22.7056, 20.0764,
2.9369

■ 40.7598, 42.9188,
49.8527

■ 22.2949, 19.3340,
2.5568

■ 43.9302, 46.2585,
60.1614

■ 47.3874, 49.8111,
71.6776

■ 51.1393, 53.5811,
84.4394

■ 55.1936, 57.5726,
98.4829

Harmonies

Analogous

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



32.7214, 29.2418, 17.7773



28.9013, 29.2418, 14.9474



25.1159, 29.2418, 15.7373

Triad

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



28.9013, 29.2418, 14.9474



21.3798, 29.2418, 40.4443



34.1076, 29.2418, 47.1455

Complementary

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



28.9013, 29.2418, 14.9474



19.3731, 19.8261, 41.8355

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.



30.6548, 29.2418, 56.3133



28.9013, 29.2418, 14.9474



23.3869, 29.2418, 51.8564

Square

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



28.9013, 29.2418, 14.9474



21.0052, 29.2418, 28.8094



26.7143, 29.2418, 58.2141



35.9061, 29.2418, 35.0747

Rectangle

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



28.9013, 29.2418, 14.9474



23.0966, 29.2418, 18.3157



26.7143, 29.2418, 58.2141



33.0874, 29.2418, 50.7758

Sweetspot

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



28.9020, 29.2432, 14.9480



64.6394, 67.6591, 61.4177



24.7765, 18.4237, 21.4911



13.8356, 14.4635, 12.7106



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.



28.9020, 29.2432, 14.9480



49.3978, 49.0425, 19.7536



31.9259, 38.1196, 16.5019



8.4054, 8.8156, 8.4719



16.6451, 14.4958, 1.9207



0.5134, 0.5040, 0.0702

Inverse Universe

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



19.3731, 19.8261, 41.8355



29.8527, 29.7496, 74.9746



17.2459, 14.1054, 40.8434



7.8168, 8.2330, 10.1298



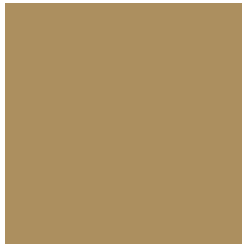
6.9875, 5.1088, 29.6623



0.2480, 0.2493, 0.8430

Previews

White Background



This preview shows how the XYZ color 28.9013, 29.2418, 14.9474 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 28.9013, 29.2418, 14.9474 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 28.9013, 29.2418, 14.9474

Background



This preview shows how black text looks on a background with the XYZ color 28.9013, 29.2418, 14.9474.



This preview shows how white text looks on a background with the XYZ color 28.9013, 29.2418,

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

28.9013, 29.2418, 14.9474

Protanopia

27.0886, 29.2041, 15.5185

Deuteranopia

29.7219, 29.2231, 14.9006



Tritanopia

32.2021, 29.0620, 31.5161

Trichromacy



Original Color

28.9013, 29.2418, 14.9474

Protanomaly

27.7000, 29.2948, 15.2608

Deuteranomaly

29.4178, 29.2862, 14.9288

Tritanomaly

30.8081, 29.1377, 24.4225

Monochromacy



Original Color

28.9013, 29.2418, 14.9474

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4737, 28.7517, 24.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9013, 29.2418, 14.9474 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, 143, 95)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 95)  
}
```

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, 143, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.9013, 29.2418, 14.9474 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, 143, 95) }
```


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

```
.border{ border-color:rgb(172, 143, 95) }
```

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

Here you see how a box with a 4 pixel rgb(172, 143, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 95);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9013, 29.2418, 14.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 95) }
```

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

```
.background{ background-color: rgb(172,  
143, 95) }
```

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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