

Converting Colors

XYZ(29.4123, 28.9955, 17.9564)

Have a look what the booklet for
XYZ(29.4123, 28.9955, 17.9564)
contains.

XYZ(29.4123, 28.9955, 17.9564)	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(29.4123, 28.9955,
17.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8D6B
RGB	173, 141, 107
RGB Percent	68%, 55%, 42%
CMY	0.3216, 0.4470, 0.5804
CMYK	0.00, 0.18, 0.38, 0.32
HSL	31°, 29%, 55%
HSV	31°, 38%, 68%
XYZ	29.4123, 28.9955, 17.9564
YIQ	146.6920, 29.9860, -3.7900

Conversions

Conversions Part 2

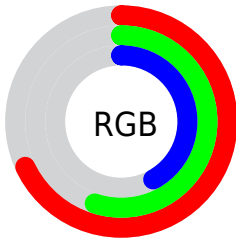
Format	Color
R_{YB}	169, 173, 107
Decimal	11373931
CIE _{Lab}	60.78, 7.26, 22.70
CIE _{LCh}	61, 23.830, 72.271
Yxy	28.9955, 0.3852, 0.3797
Android (android.graphics.Color)	4289564011 (0xFFAD8D6B)
YUV	146.6920, -19.5682, 23.0721
Hunter-Lab	53.8475, 3.2663, 17.9219

Details

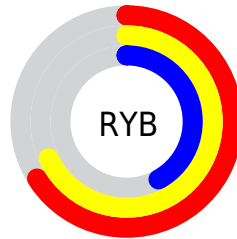
The XYZ color **29.4123, 28.9955, 17.9564** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.8386, 24.6074, 43.0812**, and the grayscale version is **27.6761, 29.1174, 31.7089**.

A 20% lighter version of the original color is **58.4062, 58.3564, 40.9865**, and **12.1383, 11.7199, 5.7601** is the 20% darker color. If you saturate the color by 10%, you get **27.4016, 26.2879, 13.2362**, and if you desaturate by 10%, it is **31.7002, 31.9660, 23.6681**.

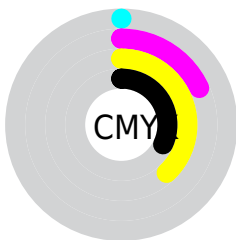
Distribution



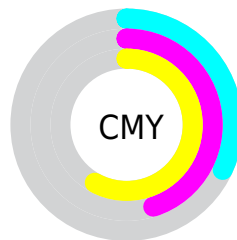
- Red (68%)
- Green (55%)
- Blue (42%)



- Red (66%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4123, 28.9955, 17.9564 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 29.4123, 28.9955, 17.9564 by changing the saturation by 10% instead.


 29.4123, 28.9955,
17.9564


 29.4123, 28.9955,
17.9564


291.1146,
297.1937, 252.8530


 19.5388, 19.0774,
10.7496


 58.1245, 58.0699,
40.7760

 12.1665, 11.7262,
5.7867


 77.6940, 77.9951,
57.2258

 6.9302, 6.5575,
2.6491


 101.2261,
102.0247, 77.5936

 3.4644, 3.1870,
0.9176

 129.0863,
130.5432, 102.2981

 1.4039, 1.2301,
0.0000

161.6399,
163.9349, 131.7578

 0.2590, 0.0861,
0.0000

199.2522,

 0.0000, 0.0000,

202.5843, 166.3911

0.0000

242.2887,
246.8758, 206.6167

■ 29.4123, 28.9955,
17.9564

■ 29.4123, 28.9955,
17.9564

■ 27.4016, 26.2879,
13.2362

■ 31.7002, 31.9660,
23.6681

■ 25.6530, 23.8305,
9.4474

■ 34.2753, 35.2034,
30.4230

■ 24.1530, 21.6158,
6.5264

■ 37.1493, 38.7165,
38.2711

■ 22.8857, 19.6338,
4.4004

■ 40.3329, 42.5127,
47.2588

■ 21.8328, 17.8735,
2.9847

■ 43.8362, 46.5987,
57.4298

■ 20.9652, 16.3193,
2.1369

■ 47.6685, 50.9813,
68.8255

■ 20.8169, 16.0508,
2.0010

■ 51.8391, 55.6669,
81.4851

■ 56.3566, 60.6617,
95.4464

■ 59.9643, 65.4657,
104.0834

Harmonies

Analogous

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



32.2036, 28.9955, 21.4353



29.4123, 28.9955, 17.9564



26.3133, 28.9955, 17.6695

Triad

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



29.4123, 28.9955, 17.9564



22.1417, 28.9955, 35.3353



31.7609, 28.9955, 45.9430

Complementary

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



29.4123, 28.9955, 17.9564



22.8386, 24.6074, 43.0812

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.



28.8441, 28.9955, 51.3342



29.4123, 28.9955, 17.9564



23.3846, 28.9955, 44.4844

Square

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



29.4123, 28.9955, 17.9564



22.2688, 28.9955, 26.6586



25.7859, 28.9955, 50.7553



33.6278, 28.9955, 37.0530

Rectangle

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



29.4123, 28.9955, 17.9564



24.5013, 28.9955, 19.2378



25.7859, 28.9955, 50.7553



30.8618, 28.9955, 48.2932

Sweetspot

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



29.4130, 28.9969, 17.9570



64.9087, 67.3721, 64.0528



27.2251, 21.2934, 27.4863



13.9587, 14.4619, 13.5157



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.



29.4130, 28.9969, 17.9570



49.5319, 47.7066, 24.7435



34.8311, 39.8330, 19.7630



8.3336, 8.6721, 8.4480



15.3506, 11.9066, 1.4891



0.4816, 0.4403, 0.0596

Inverse Universe

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



22.8386, 24.6074, 43.0812



36.0229, 38.6895, 76.3750



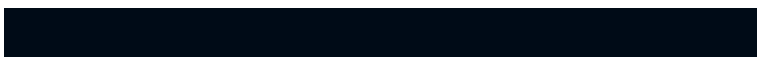
18.8642, 16.6587, 41.7564



7.8873, 8.3740, 10.1533



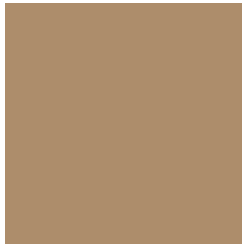
7.9197, 6.9733, 29.9731



0.2753, 0.3039, 0.8521

Previews

White Background



This preview shows how the XYZ color 29.4123, 28.9955, 17.9564 looks on a white background.

Color Contrast Check

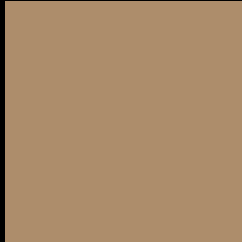
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4123, 28.9955, 17.9564 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 29.4123, 28.9955, 17.9564

Background



This preview shows how black text looks on a background with the XYZ color 29.4123, 28.9955, 17.9564.



This preview shows how white text looks on a background with the XYZ color 29.4123, 28.9955,

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

29.4123, 28.9955, 17.9564

Protanopia

27.0987, 29.1397, 18.6643

Deuteranopia

29.6343, 29.1100, 17.9668



Tritanopia

32.1239, 29.0308, 31.1045

Trichromacy



Original Color

29.4123, 28.9955, 17.9564

Protanomaly

27.9364, 29.1200, 18.3357

Deuteranomaly

29.6343, 29.1100, 17.9668

Tritanomaly

31.1578, 29.0730, 25.7993

Monochromacy



Original Color

29.4123, 28.9955, 17.9564

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0006, 28.9847, 25.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4123, 28.9955, 17.9564 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(173, 141, 107)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 107)  
}
```

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(173, 141, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.4123, 28.9955, 17.9564 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(173, 141, 107) }
```


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

```
.border{ border-color:rgb(173, 141, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 107);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4123, 28.9955, 17.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 107) }
```

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

```
.background{ background-color: rgb(173,  
141, 107) }
```

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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