

Converting Colors

XYZ(28.7980, 28.9312, 22.4989)

Have a look what the booklet for
XYZ(28.7980, 28.9312, 22.4989)
contains.

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Color

**XYZ(28.8524, 29.0494,
22.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	A58F7A
RGB	165, 143, 122
RGB Percent	65%, 56%, 48%
CMY	0.3529, 0.4392, 0.5216
CMYK	0.00, 0.13, 0.26, 0.35
HSL	29°, 19%, 56%
HSV	29°, 26%, 65%
XYZ	28.8524, 29.0494, 22.4988
YIQ	147.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

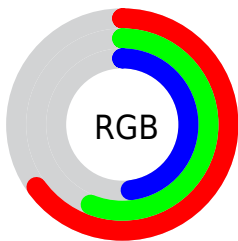
Format	Color
R_{YB}	165, 163, 122
Decimal	10850170
CIE _{Lab}	60.83, 4.89, 14.22
CIE _{LCh}	61, 15.036, 71.013
Yxy	29.0494, 0.3589, 0.3613
Android (android.graphics.Color)	4289040250 (0xFFA58F7A)
YUV	147.1840, -12.4157, 15.6246
Hunter-Lab	53.8975, 1.2340, 12.9784

Details

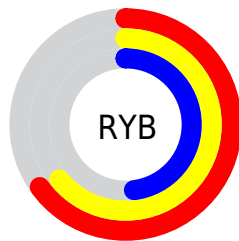
The XYZ color **28.8524, 29.0494, 22.4988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7907, 26.8001, 39.4639**, and the grayscale version is **27.8540, 29.3045, 31.9126**.

A 20% lighter version of the original color is **57.1214, 58.2041, 48.2683**, and **11.9270, 11.8205, 7.9563** is the 20% darker color. If you saturate the color by 10%, you get **26.6960, 26.2360, 17.1571**, and if you desaturate by 10%, it is **31.2793, 32.1256, 28.7878**.

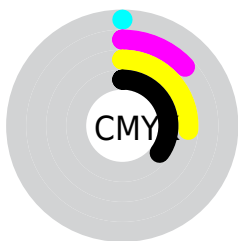
Distribution



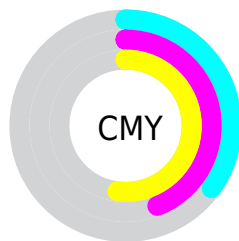
- Red (65%)
- Green (56%)
- Blue (48%)



- Red (65%)
- Yellow (64%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8524, 29.0494, 22.4988 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 28.8524, 29.0494, 22.4988 by changing the saturation by 10% instead.

■ 28.8524, 29.0494,
22.4988

■ 28.8524, 29.0494,
22.4988

288.5247,
297.4480, 278.1782

■ 19.1129, 19.1182,
14.0221

■ 57.2417, 58.1556,
48.4817

■ 11.8564, 11.7557,
7.9971

■ 76.6222, 78.0993,
66.8250

■ 6.7175, 6.5776,
4.0053

■ 99.9471, 102.1494,
89.2943

■ 3.3308, 3.1993,
1.6283

127.5817,
130.6901, 116.3079

■ 1.3310, 1.2367,
0.3109

159.8914,
164.1059, 148.2846

■ 0.2062, 0.0914,
0.0000

197.2416,

■ 0.0000, 0.0000,

202.7813, 185.6429

0.0000

239.9976,
247.1005, 228.8012

■ 28.8524, 29.0494,
22.4988

■ 28.8524, 29.0494,
22.4988

■ 26.6960, 26.2360,
17.1571

■ 31.2793, 32.1256,
28.7878

■ 24.7969, 23.6738,
12.7140

■ 33.9846, 35.4679,
36.0658

■ 23.1443, 21.3560,
9.1192

■ 36.9786, 39.0846,
44.3743

■ 21.7254, 19.2738,
6.3167

■ 40.2705, 42.9825,
53.7518

■ 20.5261, 17.4180,
4.2434

■ 43.8689, 47.1679,
64.2348

■ 19.5302, 15.7781,
2.8268

■ 47.7820, 51.6470,
75.8582

■ 18.7169, 14.3418,
1.9684

■ 52.0180, 56.4258,
88.6552

■ 18.4295, 13.8241,
1.6970

■ 56.5843, 61.5102,
102.6577

■ 58.8908, 65.8667,
104.2174

Harmonies

Analogous

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



30.5468, 29.0494, 25.0749



28.8524, 29.0494, 22.4988



26.8983, 29.0494, 22.1913

Triad

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



28.8524, 29.0494, 22.4988



24.0809, 29.0494, 33.7325



30.1529, 29.0494, 40.4734

Complementary

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



28.8524, 29.0494, 22.4988



24.7907, 26.8001, 39.4639

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.



28.3353, 29.0494, 43.4245



28.8524, 29.0494, 22.4988



24.8688, 29.0494, 39.2379

Square

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



28.8524, 29.0494, 22.4988



24.2047, 29.0494, 28.2532



26.4049, 29.0494, 42.9474



31.3218, 29.0494, 35.2653

Rectangle

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



28.8524, 29.0494, 22.4988



25.7178, 29.0494, 23.2674



26.4049, 29.0494, 42.9474



29.5941, 29.0494, 41.7886

Sweetspot

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



28.8532, 29.0507, 22.4994



59.8106, 62.2310, 61.7212



27.5275, 23.9390, 29.6427



12.9190, 13.4122, 13.0686



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8532, 29.0507, 22.4994



49.4874, 49.1942, 34.8204



32.3564, 36.0572, 23.6671



7.3460, 7.6304, 7.4657



13.9918, 10.5575, 1.3004



0.3413, 0.3164, 0.0431

Inverse Universe

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



24.7907, 26.8001, 39.4639



41.0195, 44.5025, 70.1802



21.8658, 20.9503, 38.4889



6.9860, 7.4310, 8.9692



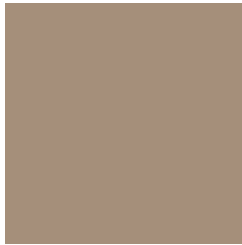
7.6104, 7.0001, 27.8798



0.2071, 0.2414, 0.6015

Previews

White Background



This preview shows how the XYZ color 28.8524, 29.0494, 22.4988 looks on a white background.

Color Contrast Check

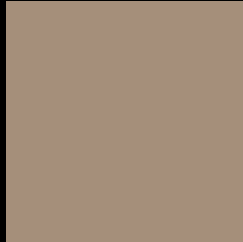
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8524, 29.0494, 22.4988 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 28.8524, 29.0494, 22.4988

Background



This preview shows how black text looks on a background with the XYZ color 28.8524, 29.0494, 22.4988.



This preview shows how white text looks on a background with the XYZ color 28.8524, 29.0494,

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

28.8524, 29.0494, 22.4988

Protanopia

27.4345, 28.9816, 23.2168

Deuteranopia

29.6153, 29.0009, 22.4492



Tritanopia

30.8861, 28.9921, 32.8223

Trichromacy



Original Color

28.8524, 29.0494, 22.4988

Protanomaly

27.9986, 29.0518, 22.8708

Deuteranomaly

29.3343, 29.0760, 22.4785

Tritanomaly

30.0481, 28.8651, 28.7988

Monochromacy



Original Color

28.8524, 29.0494, 22.4988

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1928, 29.2628, 28.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8524, 29.0494, 22.4988 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(165, 143, 122)` looks like.

```
.text, #text, p{  
    color:rgb(165, 143, 122)  
}
```

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(165, 143, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 143, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.8524, 29.0494, 22.4988 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(165, 143, 122) }
```


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

```
.border{ border-color:rgb(165, 143, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 143, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 143, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 143, 122);  
box-shadow:4px 4px 4px 4px rgb(165, 143,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8524, 29.0494, 22.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 143, 122) }
```

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

```
.background{ background-color: rgb(165,  
143, 122) }
```

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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