

Converting Colors

XYZ(29.2954, 28.1127, 22.9559)

Have a look what the booklet for
XYZ(29.2954, 28.1127, 22.9559)
contains.

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Color

**XYZ(29.3041, 28.1782,
22.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8A7C
RGB	170, 138, 124
RGB Percent	67%, 54%, 49%
CMY	0.3333, 0.4588, 0.5137
CMYK	0.00, 0.19, 0.27, 0.33
HSL	18°, 21%, 58%
HSV	18°, 27%, 67%
XYZ	29.3041, 28.1782, 22.9632
YIQ	145.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

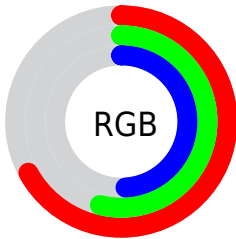
Format	Color
R _{YB}	170, 144, 124
Decimal	11176572
CIE Lab	60.05, 9.98, 12.07
CIE LCh	60, 15.663, 50.418
Yxy	28.1782, 0.3643, 0.3503
Android (android.graphics.Color)	4289366652 (0xFFAA8A7C)
YUV	145.9720, -10.8322, 21.0726
Hunter-Lab	53.0831, 5.6439, 11.5100

Details

The XYZ color **29.3041, 28.1782, 22.9632** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.4560, 30.9634, 42.5598**, and the grayscale version is **27.3469, 28.7711, 31.3317**.

A 20% lighter version of the original color is **57.9306, 56.6047, 49.4675**, and **12.0958, 11.2694, 8.1943** is the 20% darker color. If you saturate the color by 10%, you get **26.7153, 24.5753, 17.2456**, and if you desaturate by 10%, it is **32.2645, 32.2274, 29.7197**.

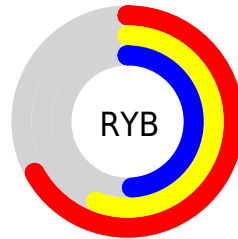
Distribution



Red (67%)

Green (54%)

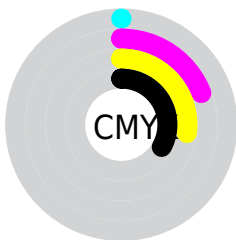
Blue (49%)



Red (67%)

Yellow (56%)

Blue (49%)

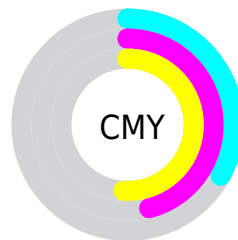


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3041, 28.1782, 22.9632 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 29.3041, 28.1782, 22.9632 by changing the saturation by 10% instead.

■ 29.3041, 28.1782,
22.9632

■ 29.3041, 28.1782,
22.9632

290.6155,
293.3174, 280.6517

■ 19.4564, 18.4600,
14.3613

■ 57.9541, 56.7688,
49.2553

■ 12.1065, 11.2808,
8.2308

■ 77.4872, 76.4101,
67.7826

■ 6.8890, 6.2560,
4.1531

■ 100.9794,
100.1278, 90.4555

■ 3.4385, 3.0014,
1.7097

128.7961,
128.3064, 117.6924

■ 1.3897, 1.1324,
0.3674

161.3028,
161.3303, 149.9119

■ 0.2488, 0.0055,
0.0000

198.8646,

■ 0.0000, 0.0000,

199.5838, 187.5326

0.0000

241.8471,
243.4514, 230.9731

■ 29.3041, 28.1782,
22.9632

■ 29.3041, 28.1782,
22.9632

■ 26.7153, 24.5753,
17.2456

■ 32.2645, 32.2274,
29.7197

■ 24.4805, 21.3990,
12.5132

■ 35.6087, 36.7336,
37.5618

■ 22.5838, 18.6343,
8.7100

■ 39.3511, 41.7123,
46.5353

■ 21.0073, 16.2634,
5.7734

■ 43.5047, 47.1770,
56.6829

■ 19.7312, 14.2672,
3.6334

■ 48.0818, 53.1404,
68.0453

■ 18.7329, 12.6249,
2.2086

■ 53.0942, 59.6151,
80.6608

■ 17.9822, 11.3113,
1.3791

■ 58.5533, 66.6130,
94.5665

■ 17.7946, 10.9800,
1.1815

■ 63.6542, 73.8193,
105.5014

■ 67.1071, 80.7251,
106.6523

Harmonies

Analogous

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



30.5441, 28.1782, 27.0030



29.3041, 28.1782, 22.9632



27.4267, 28.1782, 21.0662

Triad

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



29.3041, 28.1782, 22.9632



23.1724, 28.1782, 28.8871



28.1444, 28.1782, 42.1826

Complementary

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



29.3041, 28.1782, 22.9632



27.4560, 30.9634, 42.5598

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.



26.1485, 28.1782, 42.8506



29.3041, 28.1782, 22.9632



23.3432, 28.1782, 34.6793

Square

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



29.3041, 28.1782, 22.9632



23.9312, 28.1782, 24.1949



24.4099, 28.1782, 39.9598



29.8518, 28.1782, 38.2342

Rectangle

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



29.3041, 28.1782, 22.9632



26.0943, 28.1782, 21.0879



24.4099, 28.1782, 39.9598



27.4828, 28.1782, 42.8158

Sweetspot

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



29.3048, 28.1795, 22.9638



63.9141, 65.7195, 66.5074



29.8031, 25.3687, 34.8674



14.0458, 14.3775, 14.3416



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.



29.3048, 28.1795, 22.9638



50.4947, 47.4198, 35.7093



32.9258, 35.4214, 24.1708



7.7104, 7.9009, 7.9079



13.1340, 8.1652, 0.8838



0.3641, 0.2878, 0.0364

Inverse Universe

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



27.4560, 30.9634, 42.5598



46.6104, 53.2507, 76.8237



23.9831, 24.0176, 41.4021



7.5519, 8.1408, 9.5916



10.1753, 11.8108, 29.7189



0.2895, 0.3711, 0.7370

Previews

White Background



This preview shows how the XYZ color 29.3041, 28.1782, 22.9632 looks on a white background.

Color Contrast Check

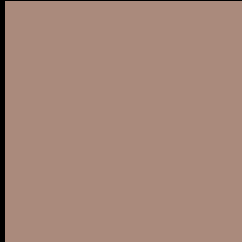
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3041, 28.1782, 22.9632 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 29.3041, 28.1782, 22.9632

Background



This preview shows how black text looks on a background with the XYZ color 29.3041, 28.1782, 22.9632.



This preview shows how white text looks on a background with the XYZ color 29.3041, 28.1782,

22.9632.

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

29.3041, 28.1782, 22.9632

Protanopia

26.7529, 28.1542, 24.1030

Deuteranopia

28.5966, 28.0275, 22.9714



Tritanopia

30.7881, 28.1429, 30.5975

Trichromacy



Original Color

29.3041, 28.1782, 22.9632

Protanomaly

27.7370, 28.2233, 23.7244

Deuteranomaly

28.8071, 28.1360, 22.9813

Tritanomaly

30.1141, 28.0724, 27.4982

Monochromacy



Original Color

29.3041, 28.1782, 22.9632

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9275, 28.4485, 28.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3041, 28.1782, 22.9632 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(170, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 138, 124)  
}
```

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(170, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 138, 124) }
```

Border

The CSS property to change the border of an element to XYZ 29.3041, 28.1782, 22.9632 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(170, 138, 124) }
```


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

```
.border{ border-color:rgb(170, 138, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 138, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 138, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 138,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3041, 28.1782, 22.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 138, 124) }
```

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

```
.background{ background-color: rgb(170,  
138, 124) }
```

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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