

Converting Colors

XYZ(26.2700, 24.7042, 12.1477)

Have a look what the booklet for
XYZ(26.2700, 24.7042, 12.1477)
contains.

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Color

**XYZ(26.2823, 24.6213,
12.1713)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7F56
RGB	172, 127, 86
RGB Percent	67%, 50%, 34%
CMY	0.3255, 0.5019, 0.6627
CMYK	0.00, 0.26, 0.50, 0.33
HSL	29°, 34%, 51%
HSV	29°, 50%, 67%
XYZ	26.2823, 24.6213, 12.1713
YIQ	135.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

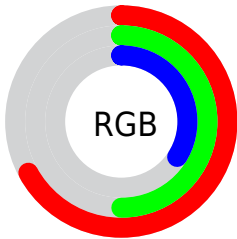
Format	Color
R_{YB}	172, 164, 86
Decimal	11304790
CIE _{Lab}	56.70, 12.36, 29.01
CIE _{LCh}	57, 31.534, 66.916
Yxy	24.6213, 0.4167, 0.3904
Android (android.graphics.Color)	4289494870 (0xFFAC7F56)
YUV	135.7810, -24.5420, 31.7641
Hunter-Lab	49.6199, 7.7119, 20.1906

Details

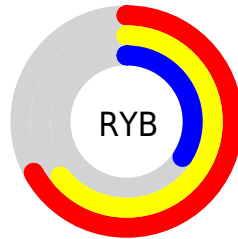
The XYZ color **26.2823, 24.6213, 12.1713** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.4000, 21.1886, 42.0967**, and the grayscale version is **23.3988, 24.6173, 26.8083**.

A 20% lighter version of the original color is **53.0783, 51.0781, 30.3541**, and **10.4267, 9.3772, 3.1799** is the 20% darker color. If you saturate the color by 10%, you get **24.5603, 22.1560, 8.5801**, and if you desaturate by 10%, it is **28.2762, 27.3633, 16.6764**.

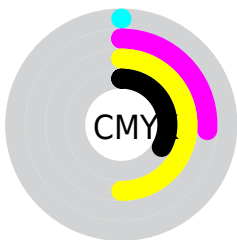
Distribution



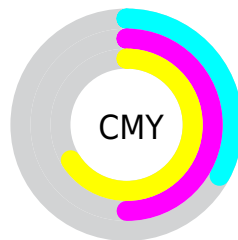
- Red (67%)
- Green (50%)
- Blue (34%)



- Red (67%)
- Yellow (64%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2823, 24.6213, 12.1713 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 26.2823, 24.6213, 12.1713 by changing the saturation by 10% instead.

■ 26.2823, 24.6213,
12.1713

■ 26.2823, 24.6213,
12.1713

276.3965,
275.9467, 216.5541

■ 17.1687, 15.7951,
6.7365

■ 53.1581, 51.0422,
30.4758

■ 10.4509, 9.3793,
3.2219

■ 71.6510, 69.4057,
44.1825

■ 5.7635, 4.9894,
1.2090

■ 94.0011, 91.7171,
61.4836

■ 2.7411, 2.2410,
0.0000

■ 120.5737,
118.3609, 82.7977

■ 1.0184, 0.7422,
0.0000

■ 151.7342,
149.7213, 108.5432

■ 0.0000, 0.0000,
0.0000

187.8479,

186.1828, 139.1388

229.2802,
228.1298, 175.0029

■ 26.2823, 24.6213,
12.1713

■ 26.2823, 24.6213,
12.1713

■ 24.5603, 22.1560,
8.5801

■ 28.2762, 27.3633,
16.6764

■ 23.0934, 19.9536,
5.8363

■ 30.5536, 30.3882,
22.1525

■ 21.8656, 18.0042,
3.8666

■ 33.1277, 33.7060,
28.6536

■ 20.8577, 16.2953,
2.5846

■ 36.0103, 37.3253,
36.2295

■ 20.0311, 14.8066,
1.8023

■ 39.2122, 41.2544,
44.9265

■ 20.0311, 14.8064,
1.8022

■ 42.7441, 45.5010,
54.7884

■ 46.6157, 50.0726,
65.8564

■ 50.8365, 54.9766,
78.1699

■ 55.4157, 60.2198,
91.7662

Harmonies

Analogous

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



29.5165, 24.6213, 16.3998



26.2823, 24.6213, 12.1713



22.5614, 24.6213, 11.3219

Triad

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



26.2823, 24.6213, 12.1713



17.0660, 24.6213, 29.3193



27.9067, 24.6213, 46.4556

Complementary

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



26.2823, 24.6213, 12.1713



19.4000, 21.1886, 42.0967

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.



24.2629, 24.6213, 52.3265



26.2823, 24.6213, 12.1713



18.1959, 24.6213, 40.8894

Square

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



26.2823, 24.6213, 12.1713



17.4860, 24.6213, 19.6326



20.7399, 24.6213, 50.0600



30.5207, 24.6213, 35.5490

Rectangle

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



26.2823, 24.6213, 12.1713



20.3473, 24.6213, 12.5122



20.7399, 24.6213, 50.0600



26.7477, 24.6213, 49.1978

Sweetspot

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



26.2829, 24.6225, 12.1718



62.5017, 64.1849, 58.2351



24.4968, 17.0887, 23.7895



13.3549, 13.6615, 12.0592



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.



26.2829, 24.6225, 12.1718



44.2481, 39.7419, 14.9582



32.9056, 37.8679, 14.3793



8.3084, 8.6216, 8.4396



14.9608, 11.1272, 1.3592



0.4712, 0.4196, 0.0562

Inverse Universe

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



19.4000, 21.1886, 42.0967



30.3083, 32.7777, 75.5351



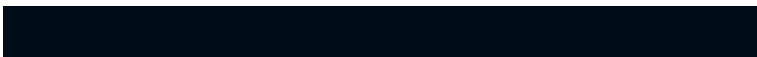
14.8456, 12.0799, 40.5786



7.9126, 8.4245, 10.1618



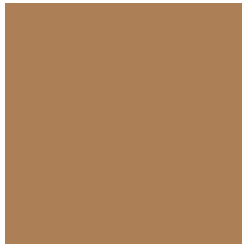
8.3169, 7.7677, 30.1055



0.2857, 0.3248, 0.8556

Previews

White Background



This preview shows how the XYZ color 26.2823, 24.6213, 12.1713 looks on a white background.

Color Contrast Check

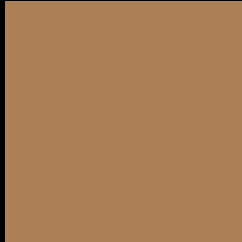
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2823, 24.6213, 12.1713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

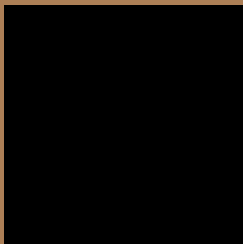
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2823, 24.6213, 12.1713

Background



This preview shows how black text looks on a background with the XYZ color 26.2823, 24.6213, 12.1713.



This preview shows how white text looks on a background with the XYZ color 26.2823, 24.6213,

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

26.2823, 24.6213, 12.1713

Protanopia

22.8624, 24.6424, 13.2243

Deuteranopia

25.1394, 24.6205, 12.0216



Tritanopia

28.8386, 24.5435, 24.6901

Trichromacy



Original Color

26.2823, 24.6213, 12.1713

Protanomaly

24.0953, 24.6644, 12.9419

Deuteranomaly

25.6384, 24.6812, 12.0070

Tritanomaly

27.8567, 24.5177, 19.4838

Monochromacy



Original Color

26.2823, 24.6213, 12.1713

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0520, 24.4726, 20.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2823, 24.6213, 12.1713 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, 127, 86)` looks like.

```
.text, #text, p{  
    color:rgb(172, 127, 86)  
}
```

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, 127, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 127, 86) }
```

Border

The CSS property to change the border of an element to XYZ 26.2823, 24.6213, 12.1713 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, 127, 86) }
```


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

```
.border{ border-color:rgb(172, 127, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 127, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 127, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 127, 86);  
box-shadow:4px 4px 4px 4px rgb(172, 127,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2823, 24.6213, 12.1713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 127, 86) }
```

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

```
.background{ background-color: rgb(172,  
127, 86) }
```

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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