

Converting Colors

XYZ(26.7567, 24.6799, 14.1039)

Have a look what the booklet for
XYZ(26.7567, 24.6799, 14.1039)
contains.

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Color

**XYZ(26.7600, 24.6322,
14.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7E5F
RGB	173, 126, 95
RGB Percent	68%, 49%, 37%
CMY	0.3216, 0.5059, 0.6274
CMYK	0.00, 0.27, 0.45, 0.32
HSL	24°, 32%, 53%
HSV	24°, 45%, 68%
XYZ	26.7600, 24.6322, 14.1706
YIQ	136.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

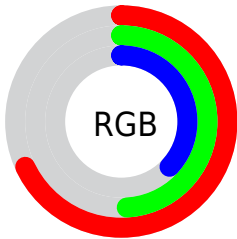
Format	Color
R _Y B	173, 146, 95
Decimal	11370079
CIE Lab	56.72, 14.28, 24.02
CIE LCh	57, 27.942, 59.267
Yxy	24.6322, 0.4082, 0.3757
Android (android.graphics.Color)	4289560159 (0xFFAD7E5F)
YUV	136.5190, -20.4689, 31.9938
Hunter-Lab	49.6308, 9.3898, 17.8131

Details

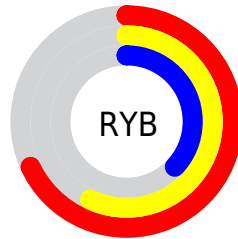
The XYZ color **26.7600, 24.6322, 14.1706** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.9347, 24.7950, 43.1649**, and the grayscale version is **23.6617, 24.8939, 27.1095**.

A 20% lighter version of the original color is **53.9415, 51.1385, 34.2218**, and **10.6586, 9.3727, 4.0436** is the 20% darker color. If you saturate the color by 10%, you get **24.7952, 21.8245, 10.0574**, and if you desaturate by 10%, it is **29.0396, 27.7900, 19.2508**.

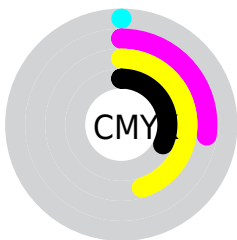
Distribution



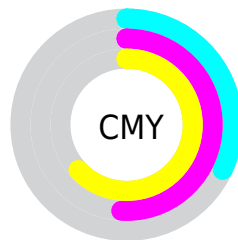
- Red (68%)
- Green (49%)
- Blue (37%)



- Red (68%)
- Yellow (57%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (32%)





- Cyan (32%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7600, 24.6322, 14.1706 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 26.7600, 24.6322, 14.1706 by changing the saturation by 10% instead.


 26.7600, 24.6322,
14.1706

 26.7600, 24.6322,
14.1706


278.6820,
276.0013, 229.7548


 17.5287, 15.8032,
8.0993

 53.9211, 51.0599,
34.1129


 10.7098, 9.3850,
4.0699


 72.5817, 69.4275,
48.8210

 5.9379, 4.9932,
1.6638


 95.1160, 91.7433,
67.2451

 2.8477, 2.2433,
0.3357

 121.8895,
118.3919, 89.8038

 1.0737, 0.7434,
0.0000

153.2674,
149.7576, 116.9155

 0.0030, 0.0000,
0.0000

189.6153,

 0.0000, 0.0000,

186.2248, 148.9989

0.0000

231.2984,
228.1779, 186.4725

■ 26.7600, 24.6322,
14.1706

■ 26.7600, 24.6322,
14.1706

■ 24.7952, 21.8245,
10.0574

■ 29.0396, 27.7900,
19.2508

■ 23.1275, 19.3501,
6.8468

■ 31.6467, 31.3066,
25.3539

■ 21.7398, 17.1960,
4.4686

■ 34.5958, 35.1948,
32.5331

■ 20.6123, 15.3469,
2.8416

■ 37.8996, 39.4659,
40.8375

■ 19.7214, 13.7854,
1.8655

■ 41.5702, 44.1304,
50.3132

■ 19.3472, 13.1116,
1.5111

■ 45.6192, 49.1984,
61.0038

■ 50.0576, 54.6799,
72.9503

■ 54.8958, 60.5841,
86.1922

■ 60.1439, 66.9202,
100.7670

Harmonies

Analogous

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



29.3102, 24.6322, 18.9739



26.7600, 24.6322, 14.1706



23.4923, 24.6322, 12.5884

Triad

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



26.7600, 24.6322, 14.1706



17.6927, 24.6322, 26.5916



26.6087, 24.6322, 45.7021

Complementary

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



26.7600, 24.6322, 14.1706



21.9347, 24.7950, 43.1649

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.



23.3322, 24.6322, 49.0441



26.7600, 24.6322, 14.1706



18.3637, 24.6322, 36.5771

Square

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



26.7600, 24.6322, 14.1706



18.4319, 24.6322, 18.6603



20.3559, 24.6322, 45.3757



29.2172, 24.6322, 37.0678

Rectangle

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



26.7600, 24.6322, 14.1706



21.4062, 24.6322, 13.2039



20.3559, 24.6322, 45.3757



25.5397, 24.6322, 47.5595

Sweetspot

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



26.7606, 24.6334, 14.1711



62.4327, 63.6494, 59.4377



26.2914, 19.0551, 28.3188



13.3143, 13.5011, 12.2894



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.



26.7606, 24.6334, 14.1711



44.4535, 39.1540, 18.1055



32.5567, 36.2256, 16.1031



8.2567, 8.5182, 8.4224



14.2662, 9.7378, 1.1277



0.4512, 0.3796, 0.0495

Inverse Universe

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



21.9347, 24.7950, 43.1649



34.6994, 39.4429, 76.5902



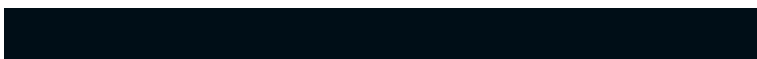
17.2228, 15.3711, 41.5942



7.9651, 8.5296, 10.1793



9.2524, 9.6387, 30.4173



0.3089, 0.3711, 0.8633

Previews

White Background



This preview shows how the XYZ color 26.7600, 24.6322, 14.1706 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 26.7600, 24.6322, 14.1706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

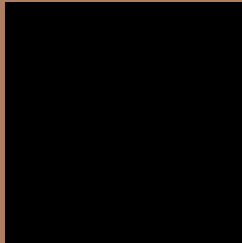
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7600, 24.6322, 14.1706

Background



This preview shows how black text looks on a background with the XYZ color 26.7600, 24.6322, 14.1706.



This preview shows how white text looks on a background with the XYZ color 26.7600, 24.6322,

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

26.7600, 24.6322, 14.1706

Protanopia

23.0889, 24.7122, 15.3574

Deuteranopia

25.2409, 24.8273, 14.0515



Tritanopia

28.8386, 24.5435, 24.6901

Trichromacy



Original Color

26.7600, 24.6322, 14.1706

Protanomaly

24.1662, 24.4523, 15.0013

Deuteranomaly

25.8070, 24.7242, 14.0017

Tritanomaly

28.0322, 24.5879, 20.4080

Monochromacy



Original Color

26.7600, 24.6322, 14.1706

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4781, 24.6642, 21.8829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7600, 24.6322, 14.1706 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, 126, 95)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 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(173, 126, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.7600, 24.6322, 14.1706 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, 126, 95) }
```


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

```
.border{ border-color:rgb(173, 126, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 95);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7600, 24.6322, 14.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 95) }
```

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

```
.background{ background-color: rgb(173,  
126, 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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