

Converting Colors

XYZ(28.7898, 24.9603, 11.1593)

Have a look what the booklet for
XYZ(28.7898, 24.9603, 11.1593)
contains.

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Color

**XYZ(28.6944, 24.9523,
11.0885)**

Conversions

Conversions Part 1	
Format	Color
Hex	BA7A51
RGB	186, 122, 81
RGB Percent	73%, 48%, 32%
CMY	0.2706, 0.5215, 0.6823
CMYK	0.00, 0.34, 0.56, 0.27
HSL	23°, 43%, 52%
HSV	23°, 56%, 73%
XYZ	28.6944, 24.9523, 11.0885
YIQ	136.4620, 51.3050, 0.8170

Conversions

Conversions Part 2

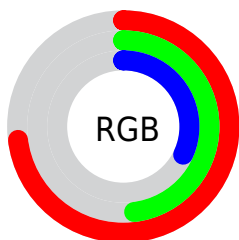
Format	Color
RYB	186, 148, 81
Decimal	12221009
CIELab	57.03, 20.64, 32.51
CIELCh	57, 38.513, 57.592
Yxy	24.9523, 0.4433, 0.3855
Android (android.graphics.Color)	4290411089 (0xFFBA7A51)
YUV	136.4620, -27.3428, 43.4448
Hunter-Lab	49.9523, 15.1204, 21.8053

Details

The XYZ color **28.6944, 24.9523, 11.0885** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **22.3810, 25.5438, 50.2048**, and the grayscale version is **23.6618, 24.8940, 27.1096**.

A 20% lighter version of the original color is **57.0829, 51.7111, 28.4454**, and **11.7392, 9.5536, 2.8154** is the 20% darker color. If you saturate the color by 10%, you get **26.7785, 22.0881, 7.4674**, and if you desaturate by 10%, it is **30.9649, 28.2202, 15.7707**.

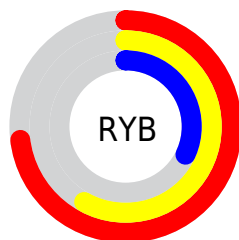
Distribution



Red (73%)

Green (48%)

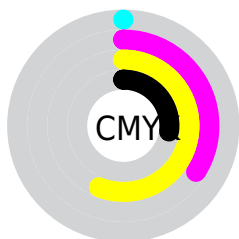
Blue (32%)



Red (73%)

Yellow (58%)

Blue (32%)

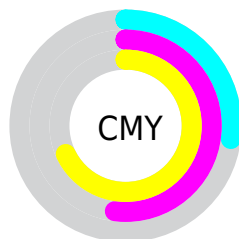


Cyan (0%)

Magenta (34%)

Yellow (56%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6944, 24.9523, 11.0885 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 28.6944, 24.9523, 11.0885 by changing the saturation by 10% instead.


 28.6944, 24.9523,
11.0885


 28.6944, 24.9523,
11.0885

287.7906,
277.6003, 209.0329


 18.9929, 16.0415,
6.0115


 56.9921, 51.5798,
28.4629


 11.7691, 9.5535,
2.7832


 76.3190, 70.0654,
41.5973


 6.6577, 5.1040,
0.9850


 99.5851, 92.5113,
58.2545

 3.2934, 2.3084,
0.0000

 127.1557,
119.3020, 78.8532

 1.3108, 0.7781,
0.0000

 159.3962,
150.8218, 103.8119

 0.1912, 0.0000,
0.0000


196.6720,

 0.0000, 0.0000,


187.4552, 133.5490


0.0000


239.3483,
229.5866, 168.4832


 28.6944, 24.9523,
11.0885


 28.6944, 24.9523,
11.0885


 26.7785, 22.0881,
7.4674


 30.9649, 28.2202,
15.7707


 25.1939, 19.6063,
4.8199


 33.6078, 31.9043,
21.5891


 23.9167, 17.4890,
3.0463

 36.6415, 36.0212,
28.6138

 22.9159, 15.7139,
2.0149

 40.0827, 40.5851,
36.9084

 22.6083, 15.1566,
1.7339

 43.9470, 45.6098,
46.5322

■ 48.2491, 51.1083,
57.5409

■ 53.0031, 57.0931,
69.9866

■ 58.2222, 63.5763,
83.9192

■ 63.9192, 70.5695,
99.3856

Harmonies

Analogous

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



32.2982, 24.9523, 17.1803



28.6944, 24.9523, 11.0885



24.0840, 24.9523, 9.0970

Triad

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



28.6944, 24.9523, 11.0885



16.0389, 24.9523, 26.1348



27.9811, 24.9523, 55.7947

Complementary

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



28.6944, 24.9523, 11.0885



22.3810, 25.5438, 50.2048

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.



23.3526, 24.9523, 60.4648



28.6944, 24.9523, 11.0885



16.8078, 24.9523, 40.4291

Square

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



28.6944, 24.9523, 11.0885



17.1002, 24.9523, 15.8781



19.3503, 24.9523, 54.1195



31.8509, 24.9523, 42.8401

Rectangle

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



28.6944, 24.9523, 11.0885



21.1815, 24.9523, 9.6598



19.3503, 24.9523, 54.1195



26.4459, 24.9523, 58.5357

Sweetspot

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



28.6950, 24.9535, 11.0890



72.1060, 72.8449, 65.5601



28.3609, 18.3916, 29.1475



15.5915, 15.6629, 13.7370



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.6950, 24.9535, 11.0890



47.7127, 38.7664, 12.0858



36.8225, 41.2085, 13.7981



9.2846, 9.5721, 9.4651



15.2786, 10.3335, 1.1893



0.5994, 0.4859, 0.0622

Inverse Universe

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



22.3810, 25.5438, 50.2048



35.0716, 39.8339, 90.0416



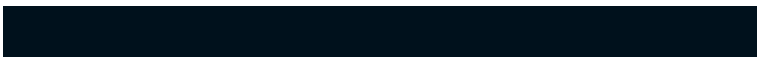
16.1927, 13.1674, 48.1421



8.9643, 9.6058, 11.4611



10.0373, 10.5342, 32.7574



0.4121, 0.4880, 1.1742

Previews

White Background



This preview shows how the XYZ color 28.6944, 24.9523, 11.0885 looks on a white background.

Color Contrast Check

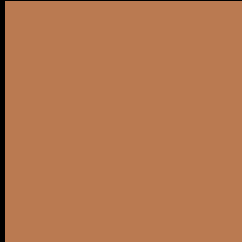
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6944, 24.9523, 11.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

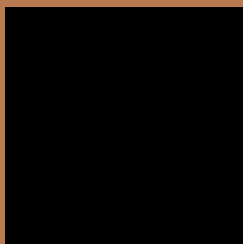
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6944, 24.9523, 11.0885

Background



This preview shows how black text looks on a background with the XYZ color 28.6944, 24.9523, 11.0885.



This preview shows how white text looks on a background with the XYZ color 28.6944, 24.9523,

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

28.6944, 24.9523, 11.0885

Protanopia

23.2436, 25.0635, 12.6295

Deuteranopia

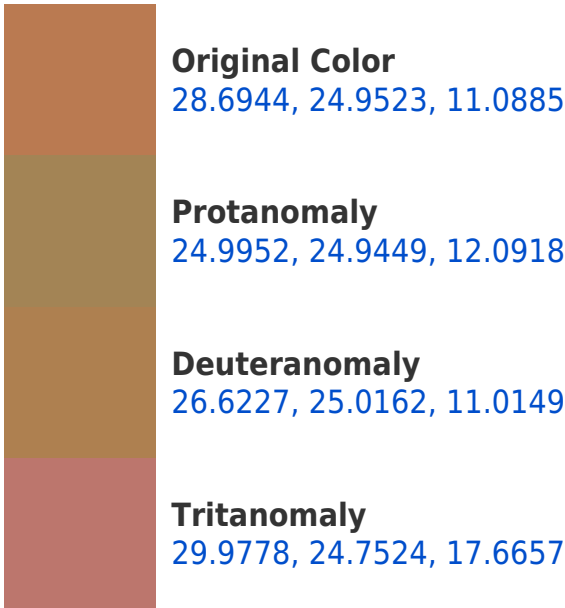
25.4639, 25.0126, 10.8830



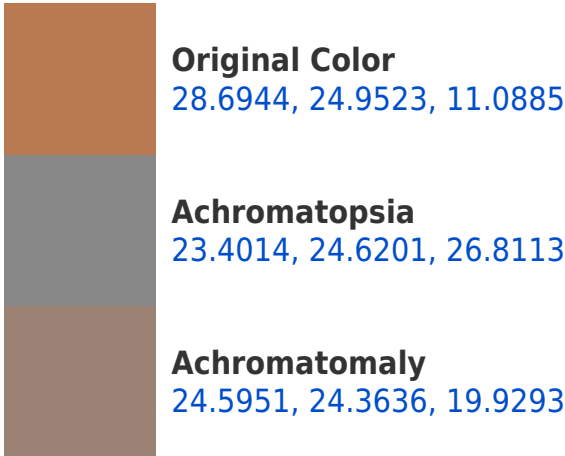
Tritanopia

30.9333, 24.7903, 22.5567

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6944, 24.9523, 11.0885 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(186, 122, 81)` looks like.

```
.text, #text, p{  
    color:rgb(186, 122, 81)  
}
```

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(186, 122, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 122, 81) }
```

Border

The CSS property to change the border of an element to XYZ 28.6944, 24.9523, 11.0885 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(186, 122, 81) }
```


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

```
.border{ border-color:rgb(186, 122, 81) }
```

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

Here you see how a box with a 4 pixel rgb(186, 122, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 122, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 122, 81);  
box-shadow:4px 4px 4px 4px rgb(186, 122,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6944, 24.9523, 11.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 122, 81) }
```

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

```
.background{ background-color: rgb(186,  
122, 81) }
```

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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