

Converting Colors

XYZ(28.6307, 24.9363, 12.5731)

Have a look what the booklet for
XYZ(28.6307, 24.9363, 12.5731)
contains.

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Color

**XYZ(28.4881, 24.8140,
12.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	B87A58
RGB	184, 122, 88
RGB Percent	72%, 48%, 35%
CMY	0.2784, 0.5215, 0.6549
CMYK	0.00, 0.34, 0.52, 0.28
HSL	21°, 40%, 53%
HSV	21°, 52%, 72%
XYZ	28.4881, 24.8140, 12.5206
YIQ	136.6620, 47.8660, 2.5700

Conversions

Conversions Part 2

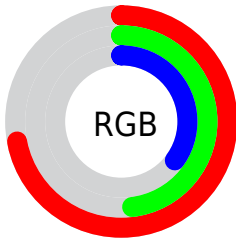
Format	Color
RYB	184, 141, 88
Decimal	12089944
CIELab	56.89, 20.42, 28.42
CIELCh	57, 34.996, 54.308
Yxy	24.8140, 0.4328, 0.3770
Android (android.graphics.Color)	4290280024 (0xFFB87A58)
YUV	136.6620, -23.9904, 41.5154
Hunter-Lab	49.8137, 14.9091, 19.9671

Details

The XYZ color **28.4881, 24.8140, 12.5206** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.5819, 27.3466, 49.3826**, and the grayscale version is **23.7258, 24.9614, 27.1830**.

A 20% lighter version of the original color is **56.5354, 51.3722, 30.9808**, and **11.7025, 9.5214, 3.4115** is the 20% darker color. If you saturate the color by 10%, you get **26.4492, 21.8058, 8.5435**, and if you desaturate by 10%, it is **30.8990, 28.2584, 17.5712**.

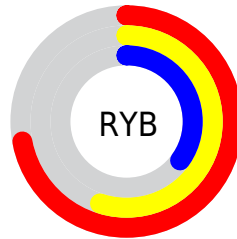
Distribution



Red (72%)

Green (48%)

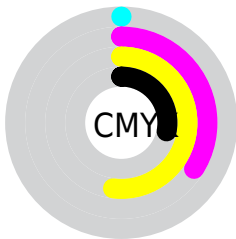
Blue (35%)



Red (72%)

Yellow (55%)

Blue (35%)

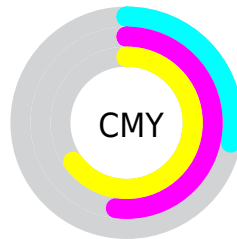


Cyan (0%)

Magenta (34%)

Yellow (52%)

Black (28%)



Cyan (28%)


Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4881, 24.8140, 12.5206 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 28.4881, 24.8140, 12.5206 by changing the saturation by 10% instead.


 28.4881, 24.8140,
12.5206

 28.4881, 24.8140,
12.5206


286.8299,
276.9104, 218.9208


 18.8362, 15.9385,
6.9724


 56.6660, 51.3553,
31.1182

 11.6553, 9.4807,
3.3667


 75.9227, 69.7900,
45.0048


 6.5800, 5.0560,
1.2848


 99.1118, 92.1798,
62.5079

 3.2448, 2.2802,
0.0493

 126.5986,
118.9092, 84.0462

 1.2845, 0.7632,
0.0000

 158.7485,
150.3625, 110.0380

 0.1716, 0.0000,
0.0000

195.9267,

 0.0000, 0.0000,

186.9243, 140.9021

0.0000

238.4988,
228.9787, 177.0568

■ 28.4881, 24.8140,
12.5206

■ 28.4881, 24.8140,
12.5206

■ 26.4492, 21.8058,
8.5435

■ 30.8990, 28.2584,
17.5712

■ 24.7592, 19.2115,
5.5585

■ 33.6995, 32.1528,
23.7654

■ 23.3952, 17.0119,
3.4749

■ 36.9079, 36.5149,
31.1693

■ 22.3297, 15.1844,
2.1839

■ 40.5409, 41.3601,
39.8433

■ 21.6674, 13.9910,
1.5585

■ 44.6142, 46.7033,
49.8437

■ 49.1427, 52.5586,
61.2235

■ 54.1404, 58.9395,
74.0328

■ 59.6209, 65.8590,
88.3191

■ 65.5971, 73.3297,
104.1277

Harmonies

Analogous

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



31.5208, 24.8140, 18.7517



28.4881, 24.8140, 12.5206



24.3752, 24.8140, 10.2076

Triad

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



28.4881, 24.8140, 12.5206



16.5800, 24.8140, 24.8410



26.9800, 24.8140, 53.2487

Complementary

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



28.4881, 24.8140, 12.5206



23.5819, 27.3466, 49.3826

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.



22.8119, 24.8140, 56.2747



28.4881, 24.8140, 12.5206



17.1072, 24.8140, 37.4146

Square

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



28.4881, 24.8140, 12.5206



17.7460, 24.8140, 15.8736



19.2794, 24.8140, 49.8068



30.5819, 24.8140, 42.4413

Rectangle

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



28.4881, 24.8140, 12.5206



21.6905, 24.8140, 10.5184



19.2794, 24.8140, 49.8068



25.5867, 24.8140, 55.3198

Sweetspot

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



28.4887, 24.8152, 12.5211



70.7004, 71.2729, 65.5040



28.7941, 19.3848, 31.2474



14.9526, 14.9795, 13.4317



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.4887, 24.8152, 12.5211



47.3233, 38.5883, 14.3369



35.8283, 39.4945, 14.9676



9.2579, 9.5188, 9.4563



14.9942, 9.7648, 1.0945



0.5881, 0.4633, 0.0584

Inverse Universe

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



23.5819, 27.3466, 49.3826



37.3768, 43.5881, 88.6480



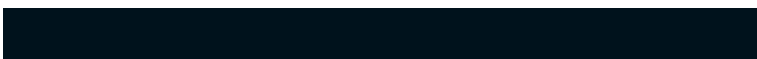
17.4672, 15.1172, 47.3444



8.9918, 9.6608, 11.4702



10.5633, 11.5863, 32.9327



0.4284, 0.5204, 1.1796

Previews

White Background



This preview shows how the XYZ color 28.4881, 24.8140, 12.5206 looks on a white background.

Color Contrast Check

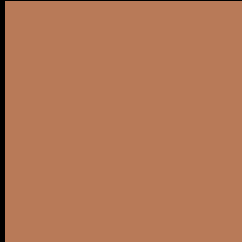
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4881, 24.8140, 12.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

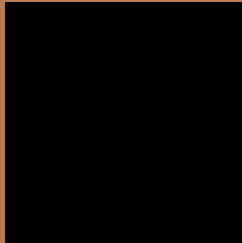
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4881, 24.8140, 12.5206

Background



This preview shows how black text looks on a background with the XYZ color 28.4881, 24.8140, 12.5206.



This preview shows how white text looks on a background with the XYZ color 28.4881, 24.8140,

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

28.4881, 24.8140, 12.5206

Protanopia

23.1788, 24.9954, 14.1926

Deuteranopia

25.3131, 24.9038, 12.2769



Tritanopia

30.6207, 24.7937, 22.9104

Trichromacy



Original Color

28.4881, 24.8140, 12.5206

Protanomaly

24.8810, 24.8523, 13.6108

Deuteranomaly

26.4527, 24.8971, 12.4282

Tritanomaly

29.7712, 24.8026, 18.5475

Monochromacy



Original Color

28.4881, 24.8140, 12.5206

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9075, 24.7045, 20.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4881, 24.8140, 12.5206 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(184, 122, 88)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 88)  
}
```

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(184, 122, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 88) }
```

Border

The CSS property to change the border of an element to XYZ 28.4881, 24.8140, 12.5206 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(184, 122, 88) }
```


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

```
.border{ border-color:rgb(184, 122, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 88);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4881, 24.8140, 12.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 88) }
```

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

```
.background{ background-color: rgb(184,  
122, 88) }
```

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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