

Converting Colors

XYZ(28.7820, 25.8853, 9.9584)

Have a look what the booklet for
XYZ(28.7820, 25.8853, 9.9584)
contains.

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Color

**XYZ(28.8330, 25.9874,
9.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	B97F4A
RGB	185, 127, 74
RGB Percent	73%, 50%, 29%
CMY	0.2745, 0.5019, 0.7098
CMYK	0.00, 0.31, 0.60, 0.27
HSL	29°, 44%, 51%
HSV	29°, 60%, 73%
XYZ	28.8330, 25.9874, 9.9750
YIQ	138.3000, 51.5810, -4.1870

Conversions

Conversions Part 2

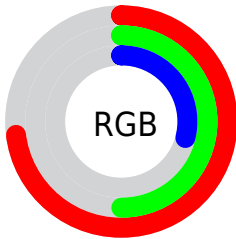
Format	Color
RYB	185, 175, 74
Decimal	12156746
CIELab	58.03, 16.89, 37.47
CIELCh	58, 41.099, 65.741
Yxy	25.9874, 0.4450, 0.4011
Android (android.graphics.Color)	4290346826 (0xFFB97F4A)
YUV	138.3000, -31.6999, 40.9559
Hunter-Lab	50.9778, 11.7482, 24.0830

Details

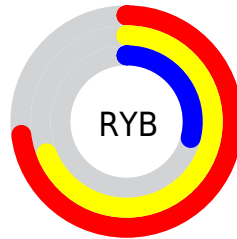
The XYZ color **28.8330, 25.9874, 9.9750** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.8319, 21.4603, 48.9958**, and the grayscale version is **24.3763, 25.6457, 27.9282**.

A 20% lighter version of the original color is **57.2676, 53.3308, 26.3443**, and **11.8243, 10.1171, 2.3665** is the 20% darker color. If you saturate the color by 10%, you get **27.1101, 23.3966, 6.7650**, and if you desaturate by 10%, it is **30.8602, 28.8936, 14.1911**.

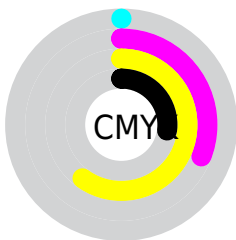
Distribution



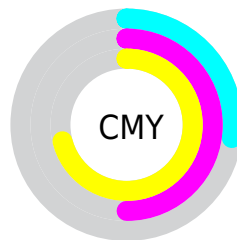
- Red (73%)
- Green (50%)
- Blue (29%)



- Red (73%)
- Yellow (69%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (60%)
- Black (27%)





- Cyan (27%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8330, 25.9874, 9.9750 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 28.8330, 25.9874, 9.9750 by changing the saturation by 10% instead.


 28.8330, 25.9874,
9.9750


 28.8330, 25.9874,
9.9750


288.4346,
282.7202, 200.9719


 19.0982, 16.8142,
5.2770


 57.2110, 53.2546,
26.3555

 11.8457, 10.1021,
2.3491


 76.5850, 72.1174,
38.8752

 6.7101, 5.4667,
0.7585


 99.9027, 94.9789,
54.8391

 3.3262, 2.5236,
0.0000

 127.5294,
122.2235, 74.6658

 1.3285, 0.8884,
0.0000

 159.8307,
154.2355, 98.7739

 0.2044, 0.0000,
0.0000

197.1717,

 0.0000, 0.0000,

191.3994, 127.5820

0.0000

239.9179,
234.0995, 161.5084

■ 28.8330, 25.9874,
9.9750

■ 28.8330, 25.9874,
9.9750

■ 27.1101, 23.3966,
6.7650

■ 30.8602, 28.8936,
14.1911

■ 25.6696, 21.1041,
4.4710

■ 33.2077, 32.1238,
19.4897

■ 24.4892, 19.0963,
2.9892

■ 35.8923, 35.6905,
25.9414

■ 23.5253, 17.3498,
2.1090

■ 38.9290, 39.6046,
33.6103

■ 23.5252, 17.3497,
2.1089

■ 42.3318, 43.8763,
42.5560

■ 46.1138, 48.5153,
52.8338

■ 50.2874, 53.5310,
64.4959

■ 54.8646, 58.9323,
77.5917

■ 59.8566, 64.7278,
92.1682

Harmonies

Analogous

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



33.2855, 25.9874, 15.1439



28.8330, 25.9874, 9.9750



23.7578, 25.9874, 8.8814

Triad

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



28.8330, 25.9874, 9.9750



16.3686, 25.9874, 31.1191



30.7054, 25.9874, 56.7871

Complementary

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



28.8330, 25.9874, 9.9750



19.8319, 21.4603, 48.9958

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.



25.6673, 25.9874, 65.1387



28.8330, 25.9874, 9.9750



17.7349, 25.9874, 47.4544

Square

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



28.8330, 25.9874, 9.9750



16.9803, 25.9874, 18.4852



20.9826, 25.9874, 61.2495



34.4639, 25.9874, 41.0784

Rectangle

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



28.8330, 25.9874, 9.9750



20.7826, 25.9874, 10.1248



20.9826, 25.9874, 61.2495



29.0817, 25.9874, 60.7510

Sweetspot

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



28.8336, 25.9887, 9.9755



70.7137, 72.1902, 62.7629



26.7039, 16.9111, 24.1198



14.8838, 15.1045, 12.5994



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.



28.8336, 25.9887, 9.9755



47.6811, 40.5416, 10.6407



37.8285, 43.9785, 12.9738



9.3489, 9.7007, 9.4866



16.0907, 11.9578, 1.4600



0.6293, 0.5456, 0.0721

Inverse Universe

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



19.8319, 21.4603, 48.9958



30.1122, 31.6826, 86.7329



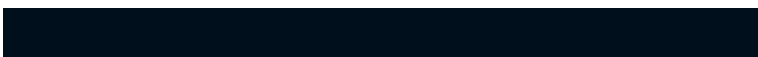
14.2843, 10.3652, 47.1466



8.8989, 9.4750, 11.4393



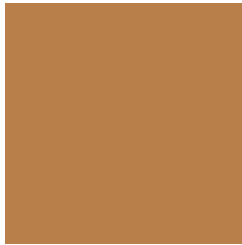
8.9254, 8.3106, 32.3867



0.3762, 0.4161, 1.1622

Previews

White Background



This preview shows how the XYZ color 28.8330, 25.9874, 9.9750 looks on a white background.

Color Contrast Check

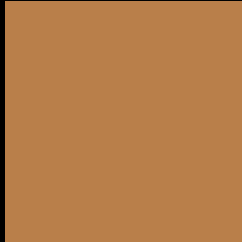
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8330, 25.9874, 9.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

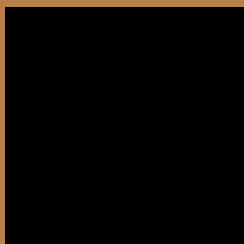
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8330, 25.9874, 9.9750

Background



This preview shows how black text looks on a background with the XYZ color 28.8330, 25.9874, 9.9750.



This preview shows how white text looks on a background with the XYZ color 28.8330, 25.9874,

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

28.8330, 25.9874, 9.9750

Protanopia

24.0797, 26.1763, 10.9911

Deuteranopia

26.6034, 26.0268, 9.9248



Tritanopia

31.7320, 25.8635, 24.4388

Trichromacy



Original Color

28.8330, 25.9874, 9.9750

Protanomaly

25.5206, 25.8631, 10.6682

Deuteranomaly

27.4504, 26.0608, 9.8868

Tritanomaly

30.6365, 25.9831, 18.1524

Monochromacy



Original Color

28.8330, 25.9874, 9.9750

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1372, 25.2566, 19.7698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8330, 25.9874, 9.9750 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(185, 127, 74)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 74)  
}
```

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(185, 127, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 74) }
```

Border

The CSS property to change the border of an element to XYZ 28.8330, 25.9874, 9.9750 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(185, 127, 74) }
```


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

```
.border{ border-color:rgb(185, 127, 74) }
```

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

Here you see how a box with a 4 pixel rgb(185, 127, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 74);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8330, 25.9874, 9.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 74) }
```

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

```
.background{ background-color: rgb(185,  
127, 74) }
```

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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