

Converting Colors

XYZ(28.9151, 26.1426, 14.8479)

Have a look what the booklet for
XYZ(28.9151, 26.1426, 14.8479)
contains.

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Color

**XYZ(28.9329, 26.1252,
14.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	B58061
RGB	181, 128, 97
RGB Percent	71%, 50%, 38%
CMY	0.2902, 0.4980, 0.6196
CMYK	0.00, 0.29, 0.46, 0.29
HSL	22°, 36%, 55%
HSV	22°, 46%, 71%
XYZ	28.9329, 26.1252, 14.8270
YIQ	140.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

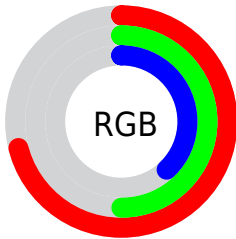
Format	Color
R_{YB}	181, 146, 97
Decimal	11894881
CIE _{Lab}	58.16, 16.71, 24.96
CIE _{LCh}	58, 30.037, 56.197
Yxy	26.1252, 0.4140, 0.3738
Android (android.graphics.Color)	4290084961 (0xFFB58061)
YUV	140.3130, -21.3533, 35.6825
Hunter-Lab	51.1128, 11.5942, 18.5799

Details

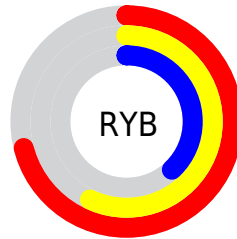
The XYZ color **28.9329, 26.1252, 14.8270** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.1761, 27.6890, 47.7862**, and the grayscale version is **25.1188, 26.4270, 28.7790**.

A 20% lighter version of the original color is **57.4658, 53.5366, 35.3218**, and **11.9759, 10.2579, 4.3664** is the 20% darker color. If you saturate the color by 10%, you get **26.7768, 23.0131, 10.4090**, and if you desaturate by 10%, it is **31.4505, 29.6522, 20.3160**.

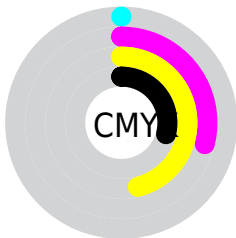
Distribution



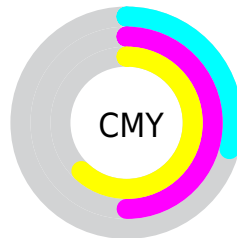
- Red (71%)
- Green (50%)
- Blue (38%)



- Red (71%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9329, 26.1252, 14.8270 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 28.9329, 26.1252, 14.8270 by changing the saturation by 10% instead.


 28.9329, 26.1252,
14.8270


 28.9329, 26.1252,
14.8270


288.8981,
283.3961, 233.9213


 19.1741, 16.9173,
8.5528


 57.3688, 53.4769,
35.2874


 11.9009, 10.1756,
4.3578


 76.7765, 72.3894,
50.3107

 6.7479, 5.5155,
1.8236


 100.1313, 95.3057,
69.0874

 3.3499, 2.5528,
0.4435

 127.7985,
122.6100, 92.0360

 1.3414, 0.9030,
0.0000

160.1434,
154.6869, 119.5752

 0.2139, 0.0000,
0.0000

197.5314,

 0.0000, 0.0000,

191.9205, 152.1235

0.0000

240.3279,
234.6955, 190.0993

■ 28.9329, 26.1252,
14.8270

■ 28.9329, 26.1252,
14.8270

■ 26.7768, 23.0131,
10.4090

■ 31.4505, 29.6522,
20.3160

■ 24.9615, 20.2956,
6.9887

■ 34.3450, 33.6057,
26.9396

■ 23.4668, 17.9565,
4.4860

■ 37.6331, 38.0013,
34.7581

■ 22.2693, 15.9764,
2.8073

■ 41.3299, 42.8528,
43.8270

■ 21.3390, 14.3328,
1.8285

■ 45.4496, 48.1735,
54.1984

■ 21.0517, 13.8151,
1.5570

■ 50.0058, 53.9758,
65.9215

■ 55.0113, 60.2718,
79.0429

■ 60.4785, 67.0733,
93.6067

■ 65.6200, 74.0717,
105.4465

Harmonies

Analogous

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



31.6570, 26.1252, 20.4814



28.9329, 26.1252, 14.8270



25.2984, 26.1252, 12.7644

Triad

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



28.9329, 26.1252, 14.8270



18.4807, 26.1252, 27.1369



28.0516, 26.1252, 50.4935

Complementary

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



28.9329, 26.1252, 14.8270



24.1761, 27.6890, 47.7862

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.



24.3699, 26.1252, 53.5060



28.9329, 26.1252, 14.8270



19.0647, 26.1252, 38.2463

Square

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



28.9329, 26.1252, 14.8270



19.4566, 26.1252, 18.6865



21.1367, 26.1252, 48.5693



31.1143, 26.1252, 41.1208

Rectangle

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



28.9329, 26.1252, 14.8270



22.9292, 26.1252, 13.2101



21.1367, 26.1252, 48.5693



26.8356, 26.1252, 52.3688

Sweetspot

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



28.9335, 26.1265, 14.8275



68.7767, 69.8786, 65.5888



28.8520, 20.5818, 31.3908



14.5740, 14.7185, 13.4701



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.9335, 26.1265, 14.8275



47.7705, 40.9419, 18.2758



35.5510, 39.3613, 17.0333



8.7447, 9.0019, 8.9292



14.5740, 9.6466, 1.0939



0.5155, 0.4174, 0.0534

Inverse Universe

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



24.1761, 27.6890, 47.7862



38.1388, 44.0357, 84.7842



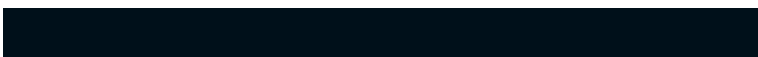
18.6541, 16.6452, 45.9456



8.4737, 9.0937, 10.8150



9.9810, 10.7623, 31.6883



0.3675, 0.4456, 1.0149

Previews

White Background



This preview shows how the XYZ color 28.9329, 26.1252, 14.8270 looks on a white background.

Color Contrast Check

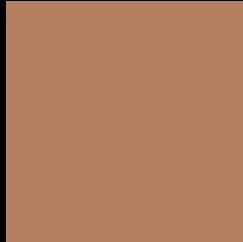
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9329, 26.1252, 14.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

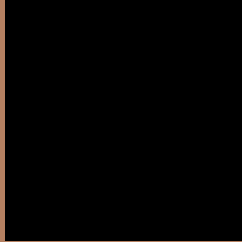
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9329, 26.1252, 14.8270

Background



This preview shows how black text looks on a background with the XYZ color 28.9329, 26.1252, 14.8270.



This preview shows how white text looks on a background with the XYZ color 28.9329, 26.1252,

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

28.9329, 26.1252, 14.8270

Protanopia

24.5389, 26.2948, 16.3524

Deuteranopia

26.5728, 26.1102, 14.7056



Tritanopia

31.0838, 26.0497, 25.5801

Trichromacy



Original Color

28.9329, 26.1252, 14.8270

Protanomaly

26.0047, 26.2098, 15.7450

Deuteranomaly

27.3758, 26.1177, 14.6647

Tritanomaly

30.2522, 26.0906, 21.2108

Monochromacy



Original Color

28.9329, 26.1252, 14.8270

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9598, 26.0321, 22.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9329, 26.1252, 14.8270 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(181, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(181, 128, 97)  
}
```

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(181, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 128, 97) }
```

Border

The CSS property to change the border of an element to XYZ 28.9329, 26.1252, 14.8270 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(181, 128, 97) }
```


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

```
.border{ border-color:rgb(181, 128, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 128, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(181, 128,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9329, 26.1252, 14.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 128, 97) }
```

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

```
.background{ background-color: rgb(181,  
128, 97) }
```

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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