

Converting Colors

XYZ(29.8845, 26.1476, 15.7460)

Have a look what the booklet for
XYZ(29.8845, 26.1476, 15.7460)
contains.

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Color

**XYZ(29.8174, 26.1756,
15.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	B97E65
RGB	185, 126, 101
RGB Percent	73%, 49%, 40%
CMY	0.2745, 0.5059, 0.6039
CMYK	0.00, 0.32, 0.45, 0.27
HSL	18°, 37%, 56%
HSV	18°, 45%, 73%
XYZ	29.8174, 26.1756, 15.7928
YIQ	140.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

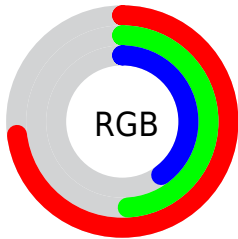
Format	Color
R_{YB}	185, 137, 101
Decimal	12156517
CIE _{Lab}	58.20, 19.90, 22.85
CIE _{LCh}	58, 30.303, 48.955
Yxy	26.1756, 0.4154, 0.3646
Android (android.graphics.Color)	4290346597 (0xFFB97E65)
YUV	140.7910, -19.6170, 38.7713
Hunter-Lab	51.1621, 14.4966, 17.5117

Details

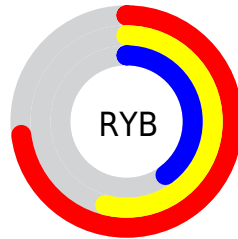
The XYZ color **29.8174, 26.1756, 15.7928** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.6940, 31.4097, 50.5546**, and the grayscale version is **25.2987, 26.6162, 28.9851**.

A 20% lighter version of the original color is **58.7497, 53.5619, 36.9478**, and **12.3730, 10.2412, 4.8147** is the 20% darker color. If you saturate the color by 10%, you get **27.4561, 22.7440, 11.0260**, and if you desaturate by 10%, it is **32.5998, 30.1230, 21.7071**.

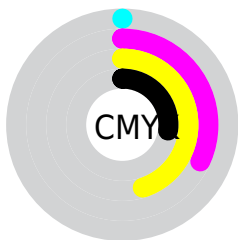
Distribution



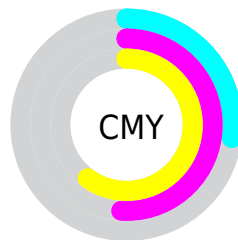
- Red (73%)
- Green (49%)
- Blue (40%)



- Red (73%)
- Yellow (54%)
- Blue (40%)



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



- Cyan (27%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8174, 26.1756, 15.7928 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 29.8174, 26.1756, 15.7928 by changing the saturation by 10% instead.


 29.8174, 26.1756,
15.7928


 29.8174, 26.1756,
15.7928


292.9775,
283.6430, 239.9198


 19.8474, 16.9551,
9.2249


 58.7619, 53.5581,
36.9999


 12.3918, 10.2025,
4.7893


 78.4671, 72.4888,
52.4762

 7.0852, 5.5334,
2.0676


 102.1481, 95.4251,
71.7589

 3.5622, 2.5635,
0.5964

 130.1703,
122.7513, 95.2668

 1.4576, 0.9083,
0.0000

162.8990,
154.8518, 123.4183

 0.2967, 0.0000,
0.0000

200.6995,

 0.0000, 0.0000,

192.1110, 156.6319

0.0000

243.9372,
234.9132, 195.3262

■ 29.8174, 26.1756,
15.7928

■ 29.8174, 26.1756,
15.7928

■ 27.4561, 22.7440,
11.0260

■ 32.5998, 30.1230,
21.7071

■ 25.4920, 19.8024,
7.3294

■ 35.8219, 34.6029,
28.8362

■ 23.9012, 17.3282,
4.6185


■ 39.5031, 39.6362,
37.2440


■ 22.6563, 15.2953,
2.7952


■ 43.6614, 45.2413,
46.9893

■ 21.7250, 13.6746,
1.7386


■ 48.3136, 51.4357,
58.1274

 21.3770, 13.0532,
1.3928

 53.4756, 58.2362,
70.7104

 59.1626, 65.6590,
84.7877

 65.3894, 73.7196,
100.4063

 70.0910, 81.6013,
106.6642

Harmonies

Analogous

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



32.1842, 26.1756, 22.4154



29.8174, 26.1756, 15.7928



26.2585, 26.1756, 12.8866

Triad

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



29.8174, 26.1756, 15.7928



18.5641, 26.1756, 24.7945



27.2476, 26.1756, 52.2656

Complementary

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



29.8174, 26.1756, 15.7928



26.6940, 31.4097, 50.5546

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.



23.5489, 26.1756, 53.3566



29.8174, 26.1756, 15.7928



18.7726, 26.1756, 35.5984

Square

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



29.8174, 26.1756, 15.7928



19.9179, 26.1756, 17.1635



20.5186, 26.1756, 46.6658



30.6025, 26.1756, 43.9747

Rectangle

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



29.8174, 26.1756, 15.7928



23.7945, 26.1756, 12.8113



20.5186, 26.1756, 46.6658



25.9962, 26.1756, 53.5516

Sweetspot

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



29.8181, 26.1769, 15.7933



71.5807, 72.1149, 68.6299



31.1120, 22.2021, 36.4565



15.1067, 15.1059, 14.0434



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.



29.8181, 26.1769, 15.7933



49.3767, 41.0334, 20.1445



36.1387, 38.8181, 17.9002



9.2167, 9.4364, 9.4425



14.6122, 9.0008, 0.9672



0.5709, 0.4288, 0.0527

Inverse Universe

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



26.6940, 31.4097, 50.5546



43.0730, 51.4580, 89.8668



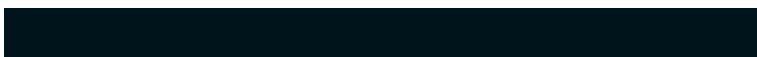
20.7447, 19.5111, 48.5715



9.0349, 9.7470, 11.4846



11.4578, 13.3752, 33.2309



0.4551, 0.5739, 1.1885

Previews

White Background



This preview shows how the XYZ color 29.8174, 26.1756, 15.7928 looks on a white background.

Color Contrast Check

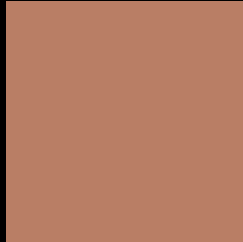
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8174, 26.1756, 15.7928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

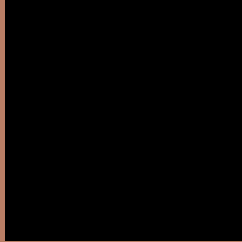
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8174, 26.1756, 15.7928

Background



This preview shows how black text looks on a background with the XYZ color 29.8174, 26.1756, 15.7928.



This preview shows how white text looks on a background with the XYZ color 29.8174, 26.1756, 15.7928.

15.7928.

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

29.8174, 26.1756, 15.7928

Protanopia

24.6096, 26.3017, 17.6896

Deuteranopia

26.7136, 26.1665, 15.4471



Tritanopia

31.7953, 26.2491, 24.8635

Trichromacy



Original Color

29.8174, 26.1756, 15.7928

Protanomaly

26.3180, 26.1344, 17.0219

Deuteranomaly

27.8721, 26.1514, 15.6353

Tritanomaly

30.9666, 26.0868, 21.1724

Monochromacy



Original Color

29.8174, 26.1756, 15.7928

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.4747, 26.2828, 23.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8174, 26.1756, 15.7928 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, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 101)  
}
```

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, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 101) }
```

Border

The CSS property to change the border of an element to XYZ 29.8174, 26.1756, 15.7928 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, 126, 101) }
```


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

```
.border{ border-color:rgb(185, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(185, 126,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8174, 26.1756, 15.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 101) }
```

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

```
.background{ background-color: rgb(185,  
126, 101) }
```

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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