

Converting Colors

XYZ(26.5272, 21.8803, 13.4149)

Have a look what the booklet for
XYZ(26.5272, 21.8803, 13.4149)
contains.

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Color

**XYZ(26.5272, 21.8803,
13.4149)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B46F5E |
| RGB | 180, 111, 94 |
| RGB Percent | 71%, 44%, 37% |
| CMY | 0.2941, 0.5647, 0.6314 |
| CMYK | 0.00, 0.38, 0.48, 0.29 |
| HSL | 12°, 36%, 54% |
| HSV | 12°, 48%, 71% |
| XYZ | 26.5272, 21.8803, 13.4149 |
| YIQ | 129.6930, 46.5810, 9.3410 |

Conversions

Conversions Part 2

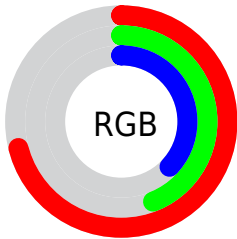
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 115, 94 |
| Decimal | 11824990 |
| CIELab | 53.90, 25.46, 21.00 |
| CIELCh | 54, 33.003, 39.512 |
| Yxy | 21.8803, 0.4291, 0.3539 |
| Android (android.graphics.Color) | 4290015070 (0xFFB46F5E) |
| YUV | 129.6930, -17.5966, 44.1192 |
| Hunter-Lab | 46.7764, 19.3699, 15.7398 |

Details

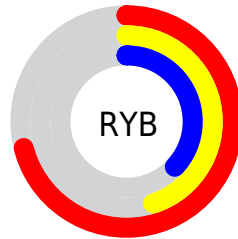
The XYZ color **26.5272, 21.8803, 13.4149** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9509, 31.8680, 47.9633**, and the grayscale version is **21.1588, 22.2607, 24.2419**.

A 20% lighter version of the original color is **53.4679, 46.4159, 32.9292**, and **10.5683, 7.9437, 3.7726** is the 20% darker color. If you saturate the color by 10%, you get **24.3614, 18.6941, 9.1620**, and if you desaturate by 10%, it is **29.1372, 25.6535, 18.7455**.

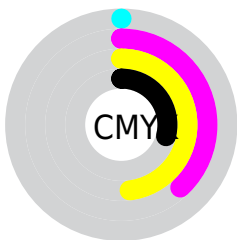
Distribution



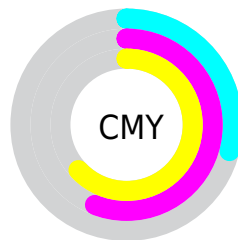
- Red (71%)
- Green (44%)
- Blue (37%)



- Red (71%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5272, 21.8803, 13.4149 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 26.5272, 21.8803, 13.4149 by changing the saturation by 10% instead.


 26.5272, 21.8803,
13.4149


 26.5272, 21.8803,
13.4149


277.5700,
261.9205, 224.8603


 17.3532, 13.7690,
7.5808

 53.5495, 46.5481,
32.7492


 10.5835, 7.9602,
3.7440


 72.1285, 63.8733,
47.0865

 5.8527, 4.0695,
1.4860


 94.5732, 85.0387,
65.0953

 2.7955, 1.7125,
0.2074

 121.2490,
110.4285, 87.1941

 1.0466, 0.4317,
0.0000

152.5213,
140.4272, 113.8015

 0.0000, 0.0000,
0.0000

188.7553,

175.4192, 145.3359

230.3164,
215.7888, 182.2160

■ 26.5272, 21.8803,
13.4149

■ 26.5272, 21.8803,
13.4149

■ 24.3614, 18.6941,
9.1620

■ 29.1372, 25.6535,
18.7455

■ 22.6127, 16.0619,
5.9116

■ 32.2132, 30.0381,
25.2196

■ 21.2533, 13.9524,
3.5805


■ 35.7775, 35.0610,
32.8992

■ 20.2513, 12.3294,
2.0716


■ 39.8504, 40.7465,
41.8414


■ 19.5632, 11.1500,
1.2360


■ 44.4510, 47.1176,
52.0998

 19.4409, 10.9403,
1.0870

 49.5975, 54.1964,
63.7246

 55.3072, 62.0036,
76.7637

 61.5966, 70.5594,
91.2625

 68.3199, 79.8184,
106.4134

Harmonies

Analogous

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



28.2911, 21.8803, 20.7338



26.5272, 21.8803, 13.4149



23.2815, 21.8803, 9.7906

Triad

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



26.5272, 21.8803, 13.4149



15.0292, 21.8803, 17.6089



21.9465, 21.8803, 48.8102

Complementary

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



26.5272, 21.8803, 13.4149



25.9509, 31.8680, 47.9633

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.



18.4950, 21.8803, 47.2637



26.5272, 21.8803, 13.4149



14.7583, 21.8803, 27.2068

Square

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



26.5272, 21.8803, 13.4149



16.7444, 21.8803, 11.6894



15.9571, 21.8803, 38.5723



25.4548, 21.8803, 42.3389

Rectangle

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



26.5272, 21.8803, 13.4149



20.8549, 21.8803, 9.1225



15.9571, 21.8803, 38.5723



20.7384, 21.8803, 49.2444

Sweetspot

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



26.5277, 21.8814, 13.4153



67.3777, 67.0806, 65.1224



29.5471, 20.3977, 37.6124



14.2340, 14.0386, 13.3567



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.



26.5277, 21.8814, 13.4153



44.1025, 33.7923, 16.4787



32.1959, 33.2177, 15.3047



8.6279, 8.7684, 8.8902



13.6075, 7.7136, 0.7717



0.4681, 0.3225, 0.0376

Inverse Universe

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



25.9509, 31.8680, 47.9633



42.8858, 53.9247, 86.4428



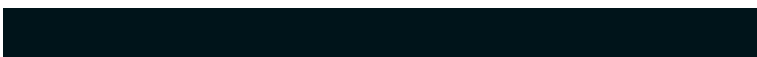
19.7203, 19.4067, 45.8864



8.5971, 9.3404, 10.8561



12.8016, 16.4035, 32.6285



0.4392, 0.5890, 1.0388

Previews

White Background



This preview shows how the XYZ color 26.5272, 21.8803, 13.4149 looks on a white background.

Color Contrast Check

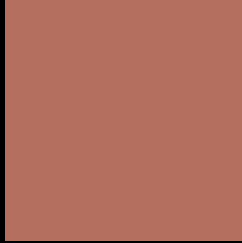
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5272, 21.8803, 13.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

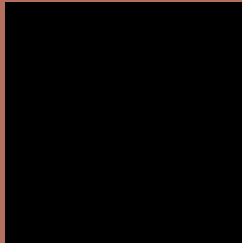
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5272, 21.8803, 13.4149

Background



This preview shows how black text looks on a background with the XYZ color 26.5272, 21.8803, 13.4149.



This preview shows how white text looks on a background with the XYZ color 26.5272, 21.8803,

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

26.5272, 21.8803, 13.4149

Protanopia

20.7298, 22.0631, 15.7364

Deuteranopia

22.4658, 22.0580, 13.1988



Tritanopia

27.8064, 21.9312, 19.2906

Trichromacy



Original Color

26.5272, 21.8803, 13.4149

Protanomaly

22.3485, 21.5922, 14.7942

Deuteranomaly

23.6769, 21.7705, 13.3101

Tritanomaly

27.2315, 21.8437, 16.9684

Monochromacy



Original Color

26.5272, 21.8803, 13.4149

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5066, 21.7462, 19.8408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5272, 21.8803, 13.4149 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(180, 111, 94)` looks like.

```
.text, #text, p{  
    color:rgb(180, 111, 94)  
}
```

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(180, 111, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 111, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.5272, 21.8803, 13.4149 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(180, 111, 94) }
```


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

```
.border{ border-color:rgb(180, 111, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 111, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 111, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 111, 94);  
box-shadow:4px 4px 4px 4px rgb(180, 111,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5272, 21.8803, 13.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 111, 94) }
```

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

```
.background{ background-color: rgb(180,  
111, 94) }
```

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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