

Converting Colors

XYZ(31.3477, 26.9240, 18.6706)

Have a look what the booklet for
XYZ(31.3477, 26.9240, 18.6706)
contains.

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Color

**XYZ(31.3164, 26.8882,
18.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7E6F
RGB	189, 126, 111
RGB Percent	74%, 49%, 44%
CMY	0.2588, 0.5059, 0.5647
CMYK	0.00, 0.33, 0.41, 0.26
HSL	12°, 37%, 59%
HSV	12°, 41%, 74%
XYZ	31.3164, 26.8882, 18.5783
YIQ	143.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

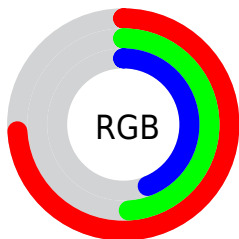
Format	Color
R_{YB}	189, 130, 111
Decimal	12418671
CIE _{Lab}	58.87, 22.62, 18.16
CIE _{LCh}	59, 29.008, 38.753
Yxy	26.8882, 0.4079, 0.3502
Android (android.graphics.Color)	4290608751 (0xFFBD7E6F)
YUV	143.1270, -15.8386, 40.2306
Hunter-Lab	51.8538, 17.0584, 15.0551

Details

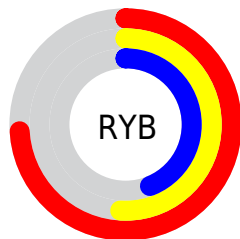
The XYZ color **31.3164, 26.8882, 18.5783** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8763, 37.3244, 53.7212**, and the grayscale version is **26.2092, 27.5741, 30.0282**.

A 20% lighter version of the original color is **61.0887, 54.6587, 41.9808**, and **13.1545, 10.5143, 6.0388** is the 20% darker color. If you saturate the color by 10%, you get **28.5787, 22.9056, 13.0633**, and if you desaturate by 10%, it is **34.5736, 31.5572, 25.3532**.

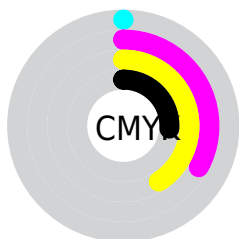
Distribution



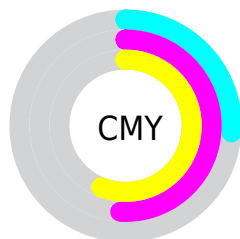
- Red (74%)
- Green (49%)
- Blue (44%)



- Red (74%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3164, 26.8882, 18.5783 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 31.3164, 26.8882, 18.5783 by changing the saturation by 10% instead.

31.3164, 26.8882,
18.5783

31.3164, 26.8882,
18.5783

299.7942,
287.1154, 256.4554

20.9929, 17.4893,
11.1923

61.1103, 54.7044,
41.8475

13.2312, 10.5839,
6.0805

81.3115, 73.8905,
58.5677

7.6661, 5.7878,
2.8245

105.5359, 97.1077,
79.2363

3.9320, 2.7165,
1.0057

134.1489,
124.7406, 104.2720

1.6638, 0.9856,
0.0000

167.5159,
157.1733, 134.0932

0.4334, 0.0000,
0.0000

206.0022,

0.0000, 0.0000,

194.7905, 169.1184

0.0000

249.9732,
237.9764, 209.7664

■ 31.3164, 26.8882,
18.5783

■ 31.3164, 26.8882,
18.5783

■ 28.5787, 22.9056,
13.0633

■ 34.5736, 31.5572,
25.3532

■ 26.3308, 19.5730,
8.7285

■ 38.3735, 36.9389,
33.4580

■ 24.5434, 16.8564,
5.4872


■ 42.7405, 43.0631,
42.9593


■ 23.1829, 14.7171,
3.2403


■ 47.6969, 49.9568,
53.9189

■ 22.2107, 13.1119,
1.8703


■ 53.2637, 57.6455,
66.3947

 21.6280, 12.1022,
1.1960

 59.4609, 66.1536,
80.4416

 66.3076, 75.5044,
96.1117

 72.6407, 85.2476,
107.2336

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



32.9908, 26.8882, 26.3746



31.3164, 26.8882, 18.5783



28.1361, 26.8882, 14.4650

Triad

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



31.3164, 26.8882, 18.5783



19.6563, 26.8882, 22.6909



26.6196, 26.8882, 53.4373

Complementary

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



31.3164, 26.8882, 18.5783



30.8763, 37.3244, 53.7212

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.



23.1395, 26.8882, 51.7941



31.3164, 26.8882, 18.5783



19.3323, 26.8882, 32.3842

Square

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



31.3164, 26.8882, 18.5783



21.4807, 26.8882, 16.4245



20.5499, 26.8882, 43.4509



30.1177, 26.8882, 47.5236

Rectangle

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



31.3164, 26.8882, 18.5783



25.7067, 26.8882, 13.6455



20.5499, 26.8882, 43.4509



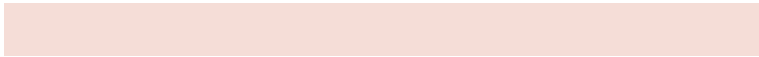
25.4068, 26.8882, 53.7743

Sweetspot

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



31.3171, 26.8895, 18.5788



75.7829, 76.0570, 75.2623



34.3793, 25.2713, 43.4692



16.0680, 16.0359, 15.6842



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.3171, 26.8895, 18.5788



51.3945, 41.3323, 23.8117



37.1849, 38.6251, 20.5348



9.6748, 9.8255, 9.9632



14.5950, 8.2288, 0.8191



0.6170, 0.4129, 0.0472

Inverse Universe

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



30.8763, 37.3244, 53.7212



50.4576, 62.5950, 95.6489



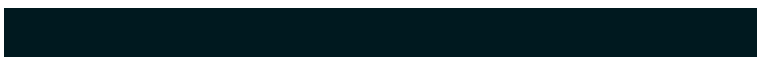
24.5031, 24.5778, 51.5968



9.6484, 10.4891, 12.1883



13.8587, 17.8292, 35.1038



0.5836, 0.7799, 1.3886

Previews

White Background



This preview shows how the XYZ color 31.3164, 26.8882, 18.5783 looks on a white background.

Color Contrast Check

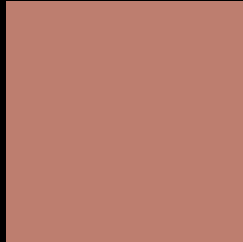
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3164, 26.8882, 18.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

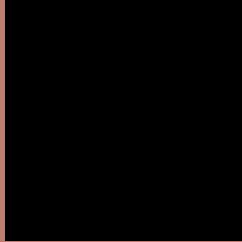
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3164, 26.8882, 18.5783

Background



This preview shows how black text looks on a background with the XYZ color 31.3164, 26.8882, 18.5783.



This preview shows how white text looks on a background with the XYZ color 31.3164, 26.8882,

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

31.3164, 26.8882, 18.5783

Protanopia

25.5207, 27.1380, 21.0326

Deuteranopia

27.5008, 26.9279, 18.2162



Tritanopia

32.7337, 26.9082, 25.2983

Trichromacy



Original Color

31.3164, 26.8882, 18.5783

Protanomaly

27.2085, 26.7386, 19.9467

Deuteranomaly

28.7449, 26.7423, 18.3986

Tritanomaly

32.0809, 26.8177, 22.5543

Monochromacy



Original Color

31.3164, 26.8882, 18.5783

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5396, 27.0036, 25.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3164, 26.8882, 18.5783 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(189, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 111)  
}
```

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(189, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 111) }
```

Border

The CSS property to change the border of an element to XYZ 31.3164, 26.8882, 18.5783 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(189, 126, 111) }
```


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

```
.border{ border-color:rgb(189, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3164, 26.8882, 18.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 111) }
```

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

```
.background{ background-color: rgb(189,  
126, 111) }
```

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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