

Converting Colors

XYZ(30.8740, 31.3147, 27.1322)

Have a look what the booklet for
XYZ(30.8740, 31.3147, 27.1322)
contains.

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Color

**XYZ(30.7764, 31.3231,
26.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	A69586
RGB	166, 149, 134
RGB Percent	65%, 58%, 53%
CMY	0.3490, 0.4157, 0.4745
CMYK	0.00, 0.10, 0.19, 0.35
HSL	28°, 15%, 59%
HSV	28°, 19%, 65%
XYZ	30.7764, 31.3231, 26.9781
YIQ	152.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

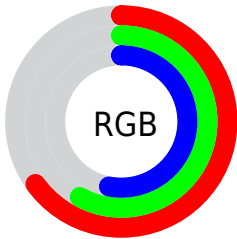
Format	Color
RYB	166, 162, 134
Decimal	10917254
CIELab	62.78, 3.78, 10.21
CIELCh	63, 10.886, 69.695
Yxy	31.3231, 0.3455, 0.3516
Android (android.graphics.Color)	4289107334 (0xFFA69586)
YUV	152.3730, -9.0579, 11.9509
Hunter-Lab	55.9670, 0.2152, 10.5970

Details

The XYZ color **30.7764, 31.3231, 26.9781** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7809, 29.9540, 40.3941**, and the grayscale version is **30.0403, 31.6047, 34.4176**.

A 20% lighter version of the original color is **60.1444, 61.6719, 55.7476**, and **12.9073, 12.9529, 10.2074** is the 20% darker color. If you saturate the color by 10%, you get **28.3660, 28.2117, 20.9039**, and if you desaturate by 10%, it is **33.4759, 34.7212, 34.0461**.

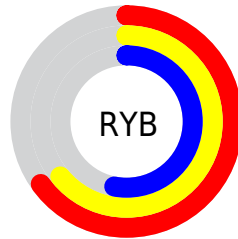
Distribution



Red (65%)

Green (58%)

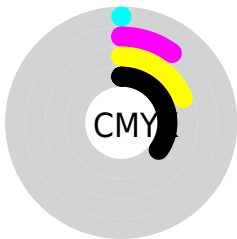
Blue (53%)



Red (65%)

Yellow (64%)

Blue (53%)

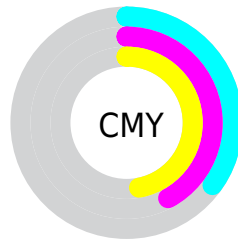


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7764, 31.3231, 26.9781 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 30.7764, 31.3231, 26.9781 by changing the saturation by 10% instead.

■ 30.7764, 31.3231,
26.9781

■ 30.7764, 31.3231,
26.9781

297.3522,
308.0241, 301.3079

■ 20.5796, 20.8450,
17.3245

■ 60.2661, 61.7484,
55.8520

■ 12.9278, 13.0108,
10.3017

■ 80.2898, 82.4644,
75.9094

■ 7.4555, 7.4360,
5.4912

■ 104.3197,
107.3618, 100.2718

■ 3.7974, 3.7362,
2.4745

132.7214,
136.8251, 129.3578

■ 1.5882, 1.5271,
0.8266

165.8601,
171.2385, 163.5858

■ 0.3847, 0.3077,
0.0000

204.1013,

■ 0.0000, 0.0000,

210.9866, 203.3745

0.0000

247.8102,
256.4536, 249.1423

■ 30.7764, 31.3231,
26.9781

■ 30.7764, 31.3231,
26.9781

■ 28.3660, 28.2117,
20.9039

■ 33.4759, 34.7212,
34.0461

■ 26.2313, 25.3749,
15.7762

■ 36.4722, 38.4096,
42.1483

■ 24.3617, 22.8055,
11.5467

■ 39.7756, 42.3969,
51.3253

■ 22.7448, 20.4947,
8.1623

■ 43.3954, 46.6902,
61.6147

■ 21.3669, 18.4327,
5.5638

■ 47.3403, 51.2963,
73.0526

■ 20.2127, 16.6092,
3.6844

■ 51.6186, 56.2219,
85.6733

■ 19.2648, 15.0127,
2.4461

■ 56.2386, 61.4731,
99.5096

■ 18.4903, 13.6251,
1.6899

■ 59.2488, 66.2726,
104.2769

■ 18.4383, 13.5317,
1.6401

■ 61.6179, 71.0108,
105.0666

Harmonies

Analogous

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



32.0297, 31.3231, 29.1313



30.7764, 31.3231, 26.9781



29.2920, 31.3231, 26.6438

Triad

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



30.7764, 31.3231, 26.9781



27.0374, 31.3231, 35.5053



31.6383, 31.3231, 40.8127

Complementary

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



30.7764, 31.3231, 26.9781



27.7809, 29.9540, 40.3941

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.



30.2565, 31.3231, 42.8445



30.7764, 31.3231, 26.9781



27.6223, 31.3231, 39.6161

Square

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



30.7764, 31.3231, 26.9781



27.1661, 31.3231, 31.3382



28.7890, 31.3231, 42.3892



32.5387, 31.3231, 37.0311

Rectangle

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



30.7764, 31.3231, 26.9781



28.3756, 31.3231, 27.4663



28.7890, 31.3231, 42.3892



31.2128, 31.3231, 41.7367

Sweetspot

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



30.7772, 31.3245, 26.9788



62.4172, 65.0763, 66.2377



29.8426, 27.3941, 33.0216



13.8941, 14.4717, 14.6248



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7772, 31.3245, 26.9788



53.9788, 54.4441, 44.1733



33.4723, 36.7147, 27.8771



7.8102, 8.1005, 7.9412



14.3440, 10.5852, 1.2871



0.4005, 0.3606, 0.0485

Inverse Universe

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



27.7809, 29.9540, 40.3941



47.5599, 51.5077, 72.9106



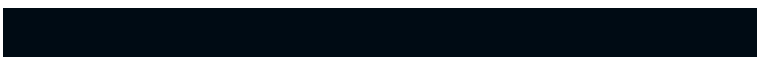
25.3881, 25.1685, 39.5965



7.4493, 7.9354, 9.5574



8.1015, 7.6632, 29.0276



0.2477, 0.2875, 0.7231

Previews

White Background



This preview shows how the XYZ color 30.7764, 31.3231, 26.9781 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.7764, 31.3231, 26.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

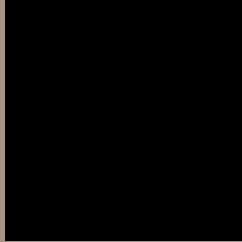
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7764, 31.3231, 26.9781

Background



This preview shows how black text looks on a background with the XYZ color 30.7764, 31.3231, 26.9781.



This preview shows how white text looks on a background with the XYZ color 30.7764, 31.3231,

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

30.7764, 31.3231, 26.9781

Protanopia

29.7379, 31.2534, 27.3868

Deuteranopia

31.8856, 31.1913, 27.2616



Tritanopia

32.7269, 31.4271, 36.2394

Trichromacy



Original Color

30.7764, 31.3231, 26.9781

Protanomaly

30.1798, 31.2433, 27.3616

Deuteranomaly

31.3845, 31.1628, 27.2825

Tritanomaly

32.0070, 31.3622, 32.8003

Monochromacy



Original Color

30.7764, 31.3231, 26.9781

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0821, 31.3456, 31.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7764, 31.3231, 26.9781 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(166, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 134)  
}
```

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(166, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.7764, 31.3231, 26.9781 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(166, 149, 134) }
```


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

```
.border{ border-color:rgb(166, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7764, 31.3231, 26.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 134) }
```

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

```
.background{ background-color: rgb(166,  
149, 134) }
```

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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