

Converting Colors

XYZ(31.1515, 31.7762, 25.9643)

Have a look what the booklet for
XYZ(31.1515, 31.7762, 25.9643)
contains.

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Color

**XYZ(31.1515, 31.7762,
25.9643)**

Conversions

Conversions Part 1

Format	Color
Hex	A89683
RGB	168, 150, 131
RGB Percent	66%, 59%, 51%
CMY	0.3412, 0.4117, 0.4863
CMYK	0.00, 0.11, 0.22, 0.34
HSL	31°, 18%, 59%
HSV	31°, 22%, 66%
XYZ	31.1515, 31.7762, 25.9643
YIQ	153.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

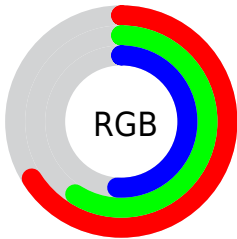
Format	Color
RYB	166, 168, 131
Decimal	11048579
CIELab	63.16, 3.54, 12.46
CIELCh	63, 12.948, 74.145
Yxy	31.7762, 0.3504, 0.3575
Android (android.graphics.Color)	4289238659 (0xFFA89683)
YUV	153.2160, -10.9525, 12.9656
Hunter-Lab	56.3704, -0.0052, 12.1502

Details

The XYZ color **31.1515, 31.7762, 25.9643** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.1752, 29.1466, 41.2395**, and the grayscale version is **30.4141, 31.9980, 34.8458**.

A 20% lighter version of the original color is **60.6760, 62.3344, 54.1812**, and **13.1873, 13.2459, 9.8443** is the 20% darker color. If you saturate the color by 10%, you get **28.8454, 28.8407, 20.0262**, and if you desaturate by 10%, it is **33.7349, 34.9704, 32.9065**.

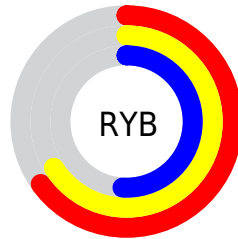
Distribution



Red (66%)

Green (59%)

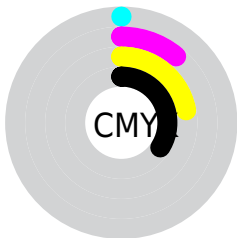
Blue (51%)



Red (65%)

Yellow (66%)

Blue (51%)

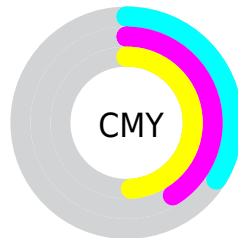


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1515, 31.7762, 25.9643 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 31.1515, 31.7762, 25.9643 by changing the saturation by 10% instead.

■ 31.1515, 31.7762,
25.9643

■ 31.1515, 31.7762,
25.9643

299.0501,
310.0985, 296.2067

■ 20.8666, 21.1906,
16.5714

■ 60.8527, 62.4601,
54.2007

■ 13.1385, 13.2634,
9.7707

■ 80.9998, 83.3272,
73.8813

■ 7.6016, 7.6102,
5.1436

■ 105.1650,
108.3902, 97.8283

■ 3.8908, 3.8465,
2.2715

133.7137,
138.0336, 126.4601

■ 1.6405, 1.5881,
0.7152

167.0111,
172.6417, 160.1953

■ 0.4186, 0.3496,
0.0000

205.4228,

■ 0.0000, 0.0000,

212.5990, 199.4524

0.0000

249.3140,
258.2898, 244.6500

■ 31.1515, 31.7762,
25.9643

■ 31.1515, 31.7762,
25.9643

■ 28.8454, 28.8407,
20.0262

■ 33.7349, 34.9704,
32.9065

■ 26.8033, 26.1522,
15.0428

■ 36.6032, 38.4258,
40.8951

■ 25.0146, 23.7046,
10.9634

■ 39.7666, 42.1504,
49.9722

■ 23.4668, 21.4897,
7.7320

■ 43.2344, 46.1505,
60.1772

■ 22.1460, 19.4988,
5.2859

■ 47.0150, 50.4323,
71.5474

■ 21.0368, 17.7223,
3.5538

■ 51.1167, 55.0016,
84.1183

■ 20.1210, 16.1494,
2.4511

■ 55.5475, 59.8641,
97.9242

■ 19.4992, 15.0263,
1.8726

■ 58.5946, 64.3371,
103.9378

■ 60.7325, 68.6129,
104.6504

Harmonies

Analogous

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



32.7375, 31.7762, 28.1836



31.1515, 31.7762, 25.9643



29.3698, 31.7762, 25.9015

Triad

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



31.1515, 31.7762, 25.9643



26.9893, 31.7762, 37.0616



32.6610, 31.7762, 42.1572

Complementary

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



31.1515, 31.7762, 25.9643



27.1752, 29.1466, 41.2395

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.



31.0504, 31.7762, 45.0531



31.1515, 31.7762, 25.9643



27.8015, 31.7762, 41.9205

Square

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



31.1515, 31.7762, 25.9643



27.0140, 31.7762, 31.9776



29.2726, 31.7762, 44.9625



33.6322, 31.7762, 37.3596

Rectangle

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



31.1515, 31.7762, 25.9643



28.3132, 31.7762, 27.0721



29.2726, 31.7762, 44.9625



32.1737, 31.7762, 43.4055

Sweetspot

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



31.1523, 31.7776, 25.9650



63.6986, 66.4675, 66.5669



29.7299, 26.7438, 32.2390



13.8206, 14.4112, 14.3338



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.



31.1523, 31.7776, 25.9650



54.6051, 55.2347, 42.0974



34.2480, 37.9689, 26.9969



7.8377, 8.1555, 7.9504



14.7765, 11.4503, 1.4313



0.4105, 0.3805, 0.0518

Inverse Universe

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



27.1752, 29.1466, 41.2395



46.2001, 49.6747, 74.3783



24.5446, 23.8855, 40.3626



7.4217, 7.8803, 9.5482



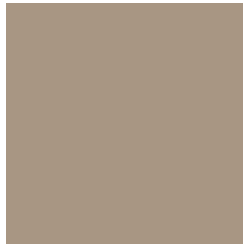
7.6507, 6.7616, 28.8774



0.2376, 0.2673, 0.7197

Previews

White Background



This preview shows how the XYZ color 31.1515, 31.7762, 25.9643 looks on a white background.

Color Contrast Check

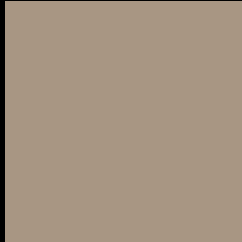
Large Text (above 18pt) WCAG AA × Fail

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 31.1515, 31.7762, 25.9643 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 31.1515, 31.7762, 25.9643

Background



This preview shows how black text looks on a background with the XYZ color 31.1515, 31.7762, 25.9643.



This preview shows how white text looks on a background with the XYZ color 31.1515, 31.7762,

25.9643.

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

31.1515, 31.7762, 25.9643

Protanopia

30.0533, 31.9220, 26.4074

Deuteranopia

32.2778, 31.6473, 26.2371



Tritanopia

33.2450, 31.6843, 36.7112

Trichromacy



Original Color

31.1515, 31.7762, 25.9643

Protanomaly

30.4974, 31.9089, 26.3815

Deuteranomaly

31.7680, 31.6164, 26.2580

Tritanomaly

32.3566, 31.5516, 32.4017

Monochromacy



Original Color

31.1515, 31.7762, 25.9643

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4396, 31.7699, 31.3159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1515, 31.7762, 25.9643 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(168, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 150, 131)  
}
```

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(168, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.1515, 31.7762, 25.9643 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(168, 150, 131) }
```


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

```
.border{ border-color:rgb(168, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 150, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 150, 131); box-shadow:4px 4px 4px 4px rgb(168, 150, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1515, 31.7762, 25.9643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 131) }
```

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

```
.background{ background-color: rgb(168,  
150, 131) }
```

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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