

Converting Colors

XYZ(19.6603, 16.4222, 14.7226)

Have a look what the booklet for
XYZ(19.6603, 16.4222, 14.7226)
contains.

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Color

**XYZ(19.6226, 16.4623,
14.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	976366
RGB	151, 99, 102
RGB Percent	59%, 39%, 40%
CMY	0.4078, 0.6117, 0.6000
CMYK	0.00, 0.34, 0.32, 0.41
HSL	357°, 21%, 49%
HSV	357°, 34%, 59%
XYZ	19.6226, 16.4623, 14.7137
YIQ	114.8900, 30.0290, 11.9570

Conversions

Conversions Part 2

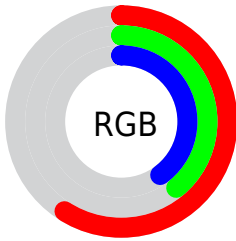
Format	Color
R_{YB}	151, 99, 102
Decimal	9921382
CIE _{Lab}	47.58, 21.48, 6.98
CIE _{LCh}	48, 22.587, 18.001
Yxy	16.4623, 0.3863, 0.3241
Android (android.graphics.Color)	4288111462 (0xFF976366)
YUV	114.8900, -6.3548, 31.6685
Hunter-Lab	40.5738, 15.3235, 6.9007

Details

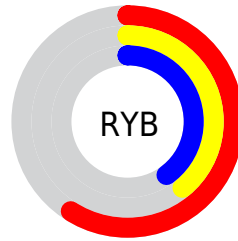
The XYZ color **19.6226, 16.4623, 14.7137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5582, 26.9243, 32.0790**, and the grayscale version is **16.2750, 17.1226, 18.6465**.

A 20% lighter version of the original color is **42.3882, 37.3780, 35.1176**, and **6.9104, 5.2402, 4.2617** is the 20% darker color. If you saturate the color by 10%, you get **17.6774, 13.6059, 10.8774**, and if you desaturate by 10%, it is **21.9574, 19.9038, 19.2779**.

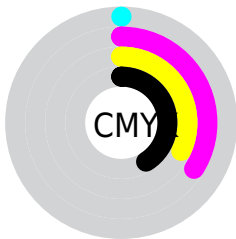
Distribution



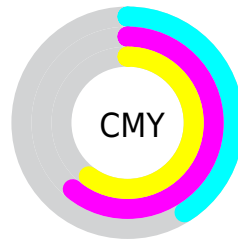
- Red (59%)
- Green (39%)
- Blue (40%)



- Red (59%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (41%)



- Cyan (41%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6226, 16.4623, 14.7137 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 19.6226, 16.4623, 14.7137 by changing the saturation by 10% instead.

■ 19.6226, 16.4623,
14.7137

■ 19.6226, 16.4623,
14.7137

242.7373,
232.0544, 233.2075

■ 12.2277, 9.8519,
8.4743

■ 42.2923, 37.3989,
35.0853

■ 6.9722, 5.3009,
4.3078

■ 58.2978, 52.4939,
50.0546

■ 3.4909, 2.4248,
1.7957

■ 77.9042, 71.1859,
68.7710

■ 1.4184, 0.8386,
0.4251

■ 101.4769, 93.8593,
91.6529

■ 0.2693, 0.0000,
0.0000

129.3812,
120.8984, 119.1190

■ 0.0000, 0.0000,
0.0000

161.9825,

152.6877, 151.5878

199.6461,
189.6116, 189.4778

■ 19.6226, 16.4623,
14.7137

■ 19.6226, 16.4623,
14.7137

■ 17.6774, 13.6059,
10.8774

■ 21.9574, 19.9038,
19.2779

■ 16.0992, 11.2997,
7.7304

■ 24.6999, 23.9577,
24.6039

■ 14.8655, 9.5092,
5.2321


■ 27.8688, 28.6529,
30.7246


■ 13.9503, 8.1946,
3.3373


■ 31.4813, 34.0152,
37.6707


■ 13.3244, 7.3105,
1.9949


■ 35.5534, 40.0695,
45.4714


 12.9520, 6.8010,
1.1450

 40.1006, 46.8391,
54.1541

 12.8102, 6.5984,
0.8483

 45.1375, 54.3463,
63.7455

 50.6781, 62.6125,
74.2708

 56.7359, 71.6581,
85.7544

Harmonies

Analogous

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



19.7448, 16.4623, 20.3283



19.6226, 16.4623, 14.7137



18.3812, 16.4623, 10.8865

Triad

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



19.6226, 16.4623, 14.7137



12.9441, 16.4623, 11.4856



14.8563, 16.4623, 31.0947

Complementary

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



19.6226, 16.4623, 14.7137



21.5582, 26.9243, 32.0790

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.



13.1982, 16.4623, 27.4849



19.6226, 16.4623, 14.7137



12.1593, 16.4623, 15.7183

Square

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



19.6226, 16.4623, 14.7137



14.4814, 16.4623, 9.3166



12.2481, 16.4623, 21.5717



16.8733, 16.4623, 30.6632

Rectangle

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



19.6226, 16.4623, 14.7137



17.1414, 16.4623, 9.4886



12.2481, 16.4623, 21.5717



14.2419, 16.4623, 30.2866

Sweetspot

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



19.6230, 16.4631, 14.7140



46.5425, 46.3228, 48.5269



22.1767, 17.4113, 31.4700



10.4149, 10.2863, 10.7134



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.6230, 16.4631, 14.7140



32.5036, 25.6061, 21.1537



21.9175, 21.2855, 14.7587



6.2225, 6.2282, 6.5519



10.9017, 5.6149, 0.7413



0.1663, 0.0853, 0.0288

Inverse Universe

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



19.6230, 16.4631, 14.7140



32.5036, 25.6061, 21.1537



18.5124, 20.4481, 32.2493



6.2225, 6.2282, 6.5519



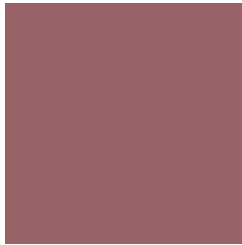
10.9017, 5.6149, 0.7413



0.1663, 0.0853, 0.0288

Previews

White Background



This preview shows how the XYZ color 19.6226, 16.4623, 14.7137 looks on a white background.

Color Contrast Check

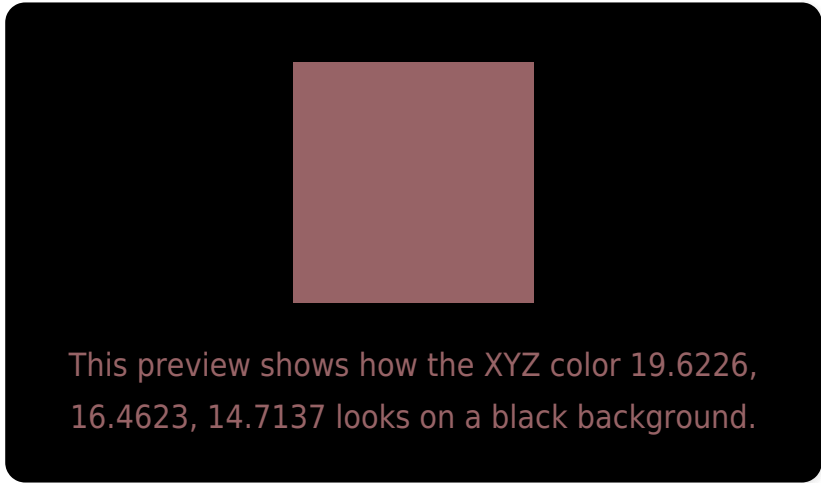
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 19.6226, 16.4623, 14.7137

Background



This preview shows how black text looks on a background with the XYZ color 19.6226, 16.4623, 14.7137.



This preview shows how white text looks on a background with the XYZ color 19.6226, 16.4623,

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

19.6226, 16.4623, 14.7137

Protanopia

15.8679, 16.6274, 16.8411

Deuteranopia

16.8221, 16.5245, 14.3595



Tritanopia

19.7317, 16.3553, 15.7526

Trichromacy



Original Color

19.6226, 16.4623, 14.7137

Protanomaly

17.0173, 16.4329, 15.9106

Deuteranomaly

17.7171, 16.3611, 14.5361

Tritanomaly

19.6800, 16.3346, 15.4802

Monochromacy



Original Color

19.6226, 16.4623, 14.7137

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.1852, 16.6523, 17.0603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6226, 16.4623, 14.7137 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(151, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(151, 99, 102)  
}
```

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(151, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 19.6226, 16.4623, 14.7137 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(151, 99, 102) }
```


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

```
.border{ border-color:rgb(151, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 99, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 99, 102); box-shadow:4px 4px 4px 4px rgb(151, 99, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6226, 16.4623, 14.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 99, 102) }
```

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

```
.background{ background-color: rgb(151, 99,  
102) }
```

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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