

Converting Colors

XYZ(19.5634, 16.3400, 13.5883)

Have a look what the booklet for
XYZ(19.5634, 16.3400, 13.5883)
contains.

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Color

**XYZ(19.5212, 16.2926,
13.6712)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 986262 |
| RGB | 152, 98, 98 |
| RGB Percent | 60%, 38%, 38% |
| CMY | 0.4039, 0.6157, 0.6157 |
| CMYK | 0.00, 0.36, 0.36, 0.40 |
| HSL | 0°, 22%, 49% |
| HSV | 0°, 36%, 60% |
| XYZ | 19.5212, 16.2926, 13.6712 |
| YIQ | 114.1460, 32.1840, 11.4480 |

Conversions

Conversions Part 2

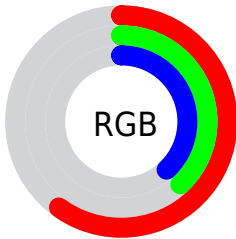
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 152, 98, 98 |
| Decimal | 9986658 |
| CIE _{Lab} | 47.36, 21.92, 9.09 |
| CIE _{LCh} | 47, 23.725, 22.517 |
| Yxy | 16.2926, 0.3945, 0.3292 |
| Android (android.graphics.Color) | 4288176738 (0xFF986262) |
| YUV | 114.1460, -7.9600, 33.1980 |
| Hunter-Lab | 40.3641, 15.6904, 8.1735 |

Details

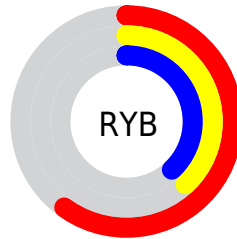
The XYZ color **19.5212, 16.2926, 13.6712** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9324, 27.3192, 33.8230**, and the grayscale version is **16.0548, 16.8909, 18.3942**.

A 20% lighter version of the original color is **42.1847, 37.0747, 33.3665**, and **6.9060, 5.1818, 3.8850** is the 20% darker color. If you saturate the color by 10%, you get **17.5809, 13.4536, 9.8135**, and if you desaturate by 10%, it is **21.8687, 19.7278, 18.3374**.

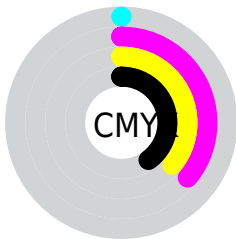
Distribution



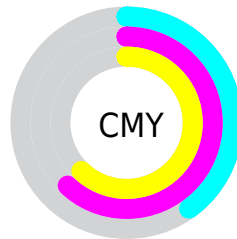
- Red (60%)
- Green (38%)
- Blue (38%)



- Red (60%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (36%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5212, 16.2926, 13.6712 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 19.5212, 16.2926, 13.6712 by changing the saturation by 10% instead.

■ 19.5212, 16.2926,
13.6712

■ 19.5212, 16.2926,
13.6712

242.1944,
231.0621, 226.5325

■ 12.1537, 9.7314,
7.7562

■ 42.1231, 37.1054,
33.2132

■ 6.9214, 5.2213,
3.8538

■ 58.0882, 52.1259,
47.6772

■ 3.4589, 2.3777,
1.5455

■ 77.6498, 70.7349,
65.8280

■ 1.4008, 0.8144,
0.2515

■ 101.1735, 93.3169,
88.0841

■ 0.2568, 0.0000,
0.0000

129.0244,
120.2562, 114.8641

■ 0.0000, 0.0000,
0.0000

161.5679,

151.9372, 146.5865

199.1695,
188.7444, 183.6697

■ 19.5212, 16.2926,
13.6712

■ 19.5212, 16.2926,
13.6712

■ 17.5809, 13.4536,
9.8135

■ 21.8687, 19.7278,
18.3374

■ 16.0235, 11.1746,
6.7176

■ 24.6434, 23.7880,
23.8534

■ 14.8241, 9.4194,
4.3332


■ 27.8655, 28.5028,
30.2588


■ 13.9541, 8.1463,
2.6038


■ 31.5535, 33.8994,
37.5906


■ 13.3808, 7.3075,
1.4643


■ 35.7250, 40.0034,
45.8834


 13.0601, 6.8381,
0.8268

 40.3965, 46.8391,
55.1703

 12.9490, 6.6756,
0.6060

 45.5838, 54.4295,
65.4826

 51.3020, 62.7967,
76.8505

 57.5656, 71.9621,
89.3027

Harmonies

Analogous

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



19.8419, 16.2926, 19.2881



19.5212, 16.2926, 13.6712



18.0738, 16.2926, 10.0575

Triad

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



19.5212, 16.2926, 13.6712



12.4986, 16.2926, 11.5947



14.9660, 16.2926, 31.8455

Complementary

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



19.5212, 16.2926, 13.6712



21.9324, 27.3192, 33.8230

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.



13.1572, 16.2926, 28.5840



19.5212, 16.2926, 13.6712



11.8187, 16.2926, 16.2768

Square

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



19.5212, 16.2926, 13.6712



13.9908, 16.2926, 9.0612



12.0485, 16.2926, 22.5449



17.0833, 16.2926, 30.7032

Rectangle

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



19.5212, 16.2926, 13.6712



16.7300, 16.2926, 8.8411



12.0485, 16.2926, 22.5449



14.3045, 16.2926, 31.2065

Sweetspot

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



19.5216, 16.2934, 13.6715



45.8515, 45.4319, 46.7822



22.9842, 17.6779, 31.9066



10.2653, 10.0977, 10.3227



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.



19.5216, 16.2934, 13.6715



31.5621, 24.5225, 18.3756



22.4873, 22.2246, 14.6601



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



21.9324, 27.3192, 33.8230



36.4934, 47.0767, 59.5970



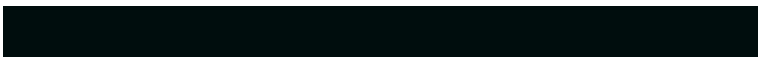
18.0383, 19.5311, 32.5250



6.3846, 7.0265, 7.9487



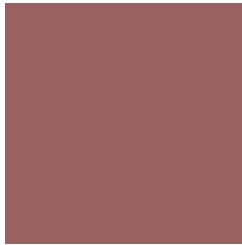
14.1655, 20.7278, 28.1620



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 19.5212, 16.2926, 13.6712 looks on a white background.

Color Contrast Check

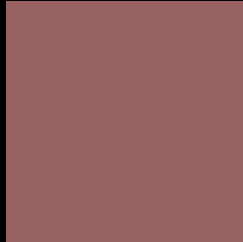
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.5212, 16.2926, 13.6712 looks on a 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 19.5212, 16.2926, 13.6712

Background



This preview shows how black text looks on a background with the XYZ color 19.5212, 16.2926, 13.6712.

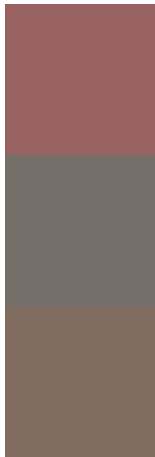


This preview shows how white text looks on a background with the XYZ color 19.5212, 16.2926,

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

19.5212, 16.2926, 13.6712

Protanopia

15.5464, 16.3213, 15.6955

Deuteranopia

16.5271, 16.2368, 13.3293



Tritanopia

19.9103, 16.3212, 15.1976

Trichromacy



Original Color

19.5212, 16.2926, 13.6712

Protanomaly

16.7092, 16.1418, 14.8054

Deuteranomaly

17.4245, 16.0821, 13.4950

Tritanomaly

19.8098, 16.2810, 14.6688

Monochromacy



Original Color

19.5212, 16.2926, 13.6712

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.9714, 16.3970, 16.4578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5212, 16.2926, 13.6712 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(152, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(152, 98, 98)  
}
```

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(152, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.5212, 16.2926, 13.6712 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(152, 98, 98) }
```


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

```
.border{ border-color:rgb(152, 98, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 98, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(152, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5212, 16.2926, 13.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 98, 98) }
```

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

```
.background{ background-color: rgb(152, 98,  
98) }
```

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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