

Converting Colors

XYZ(19.1310, 15.7286, 14.5111)

Have a look what the booklet for
XYZ(19.1310, 15.7286, 14.5111)
contains.

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Color

**XYZ(19.0682, 15.6278,
14.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	965F66
RGB	150, 95, 102
RGB Percent	59%, 37%, 40%
CMY	0.4118, 0.6274, 0.6000
CMYK	0.00, 0.37, 0.32, 0.41
HSL	352°, 22%, 48%
HSV	352°, 37%, 59%
XYZ	19.0682, 15.6278, 14.5818
YIQ	112.2430, 30.5330, 13.8370

Conversions

Conversions Part 2

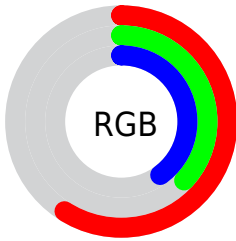
Format	Color
R_{YB}	150, 95, 102
Decimal	9854822
CIE _{Lab}	46.48, 23.38, 5.40
CIE _{LCh}	46, 23.999, 13.012
Yxy	15.6278, 0.3870, 0.3171
Android (android.graphics.Color)	4288044902 (0xFF965F66)
YUV	112.2430, -5.0498, 33.1129
Hunter-Lab	39.5320, 16.9182, 5.8027

Details

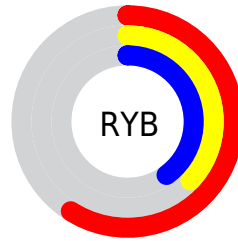
The XYZ color **19.0682, 15.6278, 14.5818** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5844, 26.2292, 29.9660**, and the grayscale version is **15.4810, 16.2872, 17.7367**.

A 20% lighter version of the original color is **41.4823, 35.9795, 34.8954**, and **6.6763, 4.9311, 4.2144** is the 20% darker color. If you saturate the color by 10%, you get **17.2460, 12.9417, 11.0202**, and if you desaturate by 10%, it is **21.2540, 18.8768, 18.7709**.

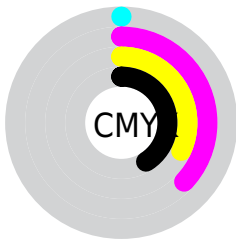
Distribution



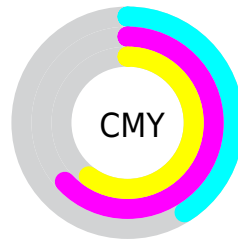
- Red (59%)
- Green (37%)
- Blue (40%)



- Red (59%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0682, 15.6278, 14.5818 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 19.0682, 15.6278, 14.5818 by changing the saturation by 10% instead.

■ 19.0682, 15.6278,
14.5818

■ 19.0682, 15.6278,
14.5818

239.7559,
227.1353, 232.3737

■ 11.8239, 9.2612,
8.3831

■ 41.3653, 35.9508,
34.8497

■ 6.6952, 4.9119,
4.2498

■ 57.1488, 50.6760,
49.7560

■ 3.3168, 2.1957,
1.7633

■ 76.5093, 68.9562,
68.4018

■ 1.3235, 0.7176,
0.4036

■ 99.8123, 91.1757,
91.2058

■ 0.2007, 0.0000,
0.0000

127.4231,
117.7190, 118.5864

■ 0.0000, 0.0000,
0.0000

159.7071,

148.9704, 150.9623

197.0296,
185.3144, 188.7518

■ 19.0682, 15.6278,
14.5818

■ 19.0682, 15.6278,
14.5818

■ 17.2460, 12.9417,
11.0202

■ 21.2540, 18.8768,
18.7709

■ 15.7664, 10.7844,
8.0548

■ 23.8203, 22.7157,
23.6148

■ 14.6081, 9.1214,
5.6531


■ 26.7847, 27.1728,
29.1403


■ 13.7467, 7.9135,
3.7792

■ 30.1632, 32.2736,
35.3723


■ 13.1547, 7.1152,
2.3928


■ 33.9709, 38.0422,
42.3348


 12.7913, 6.6564,
1.4451

 38.2221, 44.5016,
50.0502

 12.6960, 6.5314,
1.2113

 42.9306, 51.6737,
58.5404

 48.1094, 59.5792,
67.8260

 53.7711, 68.2383,
77.9271

Harmonies

Analogous

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



18.9841, 15.6278, 20.5595



19.0682, 15.6278, 14.5818



17.9505, 15.6278, 10.3777

Triad

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



19.0682, 15.6278, 14.5818



12.3064, 15.6278, 9.9816



13.7236, 15.6278, 30.3735

Complementary

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



19.0682, 15.6278, 14.5818



20.5844, 26.2292, 29.9660

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.



12.1353, 15.6278, 26.0121



19.0682, 15.6278, 14.5818



11.3707, 15.6278, 13.9050

Square

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



19.0682, 15.6278, 14.5818



13.9775, 15.6278, 8.1669



11.3111, 15.6278, 19.7071



15.7659, 15.6278, 30.6750

Rectangle

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



19.0682, 15.6278, 14.5818



16.7296, 15.6278, 8.7609



11.3111, 15.6278, 19.7071



13.1237, 15.6278, 29.2944

Sweetspot

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



19.0686, 15.6286, 14.5821



44.7982, 44.2345, 46.8344



20.8678, 16.1972, 30.8808



9.7889, 9.5940, 10.1201



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.0686, 15.6286, 14.5821



30.9677, 23.6207, 20.4985



20.7936, 19.6105, 13.5167



5.8291, 5.8267, 6.2059



10.5369, 5.4198, 1.0426



0.1348, 0.0687, 0.0434

Inverse Universe

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



19.0686, 15.6286, 14.5821



30.9677, 23.6207, 20.4985



18.1855, 20.5566, 31.8636



5.8291, 5.8267, 6.2059



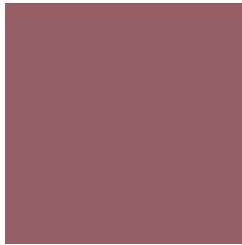
10.5369, 5.4198, 1.0426



0.1348, 0.0687, 0.0434

Previews

White Background



This preview shows how the XYZ color 19.0682, 15.6278, 14.5818 looks on a white background.

Color Contrast Check

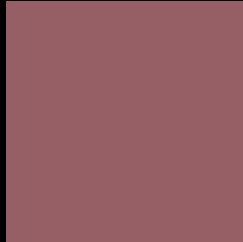
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0682, 15.6278, 14.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

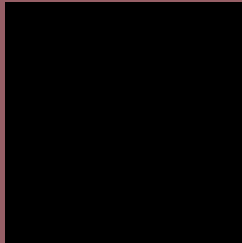
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0682, 15.6278, 14.5818

Background



This preview shows how black text looks on a background with the XYZ color 19.0682, 15.6278, 14.5818.



This preview shows how white text looks on a background with the XYZ color 19.0682, 15.6278,

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

19.0682, 15.6278, 14.5818

Protanopia

15.0725, 15.7224, 16.9922

Deuteranopia

16.0154, 15.7955, 14.2613



Tritanopia

19.0682, 15.6278, 14.5818

Trichromacy



Original Color

19.0682, 15.6278, 14.5818

Protanomaly

16.3096, 15.6003, 16.0615

Deuteranomaly

17.0307, 15.7084, 14.4463

Tritanomaly

19.0682, 15.6278, 14.5818

Monochromacy



Original Color

19.0682, 15.6278, 14.5818

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.4650, 15.8264, 16.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0682, 15.6278, 14.5818 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(150, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(150, 95, 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(150, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 19.0682, 15.6278, 14.5818 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(150, 95, 102) }
```


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

```
.border{ border-color:rgb(150, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(150, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0682, 15.6278, 14.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 95, 102) }
```

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

```
.background{ background-color: rgb(150, 95,  
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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