

Converting Colors

XYZ(19.7443, 17.1564, 14.3173)

Have a look what the booklet for
XYZ(19.7443, 17.1564, 14.3173)
contains.

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Color

**XYZ(19.7282, 17.1046,
14.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	966764
RGB	150, 103, 100
RGB Percent	59%, 40%, 39%
CMY	0.4118, 0.5961, 0.6078
CMYK	0.00, 0.31, 0.33, 0.41
HSL	4°, 20%, 49%
HSV	4°, 33%, 59%
XYZ	19.7282, 17.1046, 14.3183
YIQ	116.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

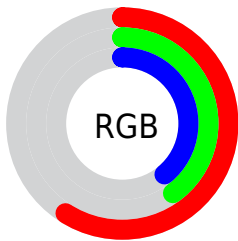
Format	Color
R_{YB}	150, 103, 100
Decimal	9856868
CIE Lab	48.39, 18.49, 9.32
CIE LCh	48, 20.706, 26.737
Yxy	17.1046, 0.3857, 0.3344
Android (android.graphics.Color)	4288046948 (0xFF966764)
YUV	116.7110, -8.2385, 29.1945
Hunter-Lab	41.3577, 12.7710, 8.4238

Details

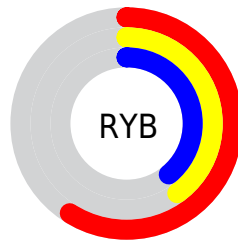
The XYZ color **19.7282, 17.1046, 14.3183** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1940, 25.7780, 32.7129**, and the grayscale version is **16.8379, 17.7148, 19.2914**.

A 20% lighter version of the original color is **42.3184, 38.3247, 34.4451**, and **7.0458, 5.5861, 4.0750** is the 20% darker color. If you saturate the color by 10%, you get **17.7819, 14.2688, 10.4114**, and if you desaturate by 10%, it is **22.0456, 20.4685, 19.0088**.

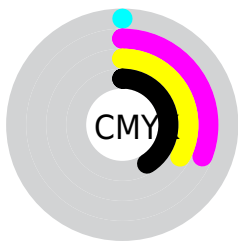
Distribution



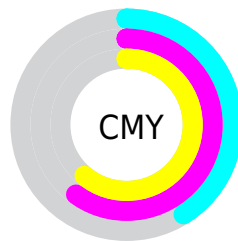
- Red (59%)
- Green (40%)
- Blue (39%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7282, 17.1046, 14.3183 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 19.7282, 17.1046, 14.3183 by changing the saturation by 10% instead.

■ 19.7282, 17.1046,
14.3183

■ 19.7282, 17.1046,
14.3183

243.3016,
235.7744, 230.6990

■ 12.3047, 10.3091,
8.2011

■ 42.4684, 38.5055,
34.3780

■ 7.0252, 5.6044,
4.1343

■ 58.5159, 53.8797,
49.1575

■ 3.5244, 2.6060,
1.6993

■ 78.1688, 72.8823,
67.6616

■ 1.4367, 0.9297,
0.3603

■ 101.7925, 95.8977,
90.3088

■ 0.2822, 0.0000,
0.0000

129.7522,
123.3101, 117.5175

■ 0.0000, 0.0000,
0.0000

162.4134,

155.5042, 149.7065

200.1414,
192.8641, 187.2941

■ 19.7282, 17.1046,
14.3183

■ 19.7282, 17.1046,
14.3183

■ 17.7819, 14.2688,
10.4114

■ 22.0456, 20.4685,
19.0088

■ 16.1862, 11.9321,
7.2445

■ 24.7505, 24.3827,
24.5212

■ 14.9205, 10.0661,
4.7711

■ 27.8601, 28.8714,
30.8928

■ 13.9616, 8.6390,
2.9392

■ 31.3901, 33.9563,
38.1579

■ 13.2835, 7.6149,
1.6894

■ 35.3552, 39.6583,
46.3493

■ 12.8555, 6.9520,
0.9515

■ 39.7697, 45.9970,
55.4980

■ 12.6755, 6.6796,
0.6212

■ 44.6470, 52.9912,
65.6334

■ 50.0000, 60.6591,
76.7840

■ 55.8412, 69.0180,
88.9768

Harmonies

Analogous

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



20.1673, 17.1046, 19.2235



19.7282, 17.1046, 14.3183



18.3358, 17.1046, 11.1990

Triad

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



19.7282, 17.1046, 14.3183



13.4009, 17.1046, 13.4733



16.0512, 17.1046, 31.0849

Complementary

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



19.7282, 17.1046, 14.3183



21.1940, 25.7780, 32.7129

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.



14.3423, 17.1046, 28.7665



19.7282, 17.1046, 14.3183



12.8886, 17.1046, 18.0371

Square

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



19.7282, 17.1046, 14.3183



14.6748, 17.1046, 10.7818



13.2196, 17.1046, 23.7164



17.9499, 17.1046, 29.5664

Rectangle

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



19.7282, 17.1046, 14.3183



17.1065, 17.1046, 10.2113



13.2196, 17.1046, 23.7164



15.4369, 17.1046, 30.7190

Sweetspot

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



19.7287, 17.1054, 14.3186



45.3217, 45.4030, 46.6344



22.4408, 17.7209, 30.0478



9.8951, 9.8470, 10.0302



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.



19.7287, 17.1054, 14.3186



32.1951, 26.3695, 20.0015



22.5322, 22.7125, 15.2532



5.8271, 5.8680, 6.0660



10.5214, 5.5573, 0.5181



0.1343, 0.0791, 0.0082

Inverse Universe

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



21.1940, 25.7780, 32.7129



35.1835, 44.0755, 57.5743



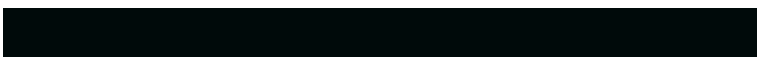
17.7818, 18.9537, 31.5756



5.9346, 6.5032, 7.4122



12.4727, 17.6403, 26.6786



0.1599, 0.2305, 0.3290

Previews

White Background



This preview shows how the XYZ color 19.7282, 17.1046, 14.3183 looks on a white background.

Color Contrast Check

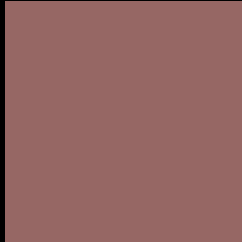
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7282, 17.1046, 14.3183 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 19.7282, 17.1046, 14.3183

Background



This preview shows how black text looks on a background with the XYZ color 19.7282, 17.1046, 14.3183.

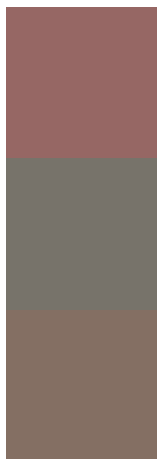


This preview shows how white text looks on a background with the XYZ color 19.7282, 17.1046,

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

19.7282, 17.1046, 14.3183

Protanopia

16.3400, 17.2240, 16.0990

Deuteranopia

17.4523, 17.1753, 14.1997



Tritanopia

20.2742, 17.1862, 16.7167

Trichromacy



Original Color

19.7282, 17.1046, 14.3183

Protanomaly

17.3891, 17.1142, 15.4836

Deuteranomaly

18.2622, 17.1149, 14.1454

Tritanomaly

20.1154, 17.1227, 15.8805

Monochromacy



Original Color

19.7282, 17.1046, 14.3183

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7167, 17.4032, 17.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7282, 17.1046, 14.3183 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, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 100)  
}
```

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, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.7282, 17.1046, 14.3183 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, 103, 100) }
```


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

```
.border{ border-color:rgb(150, 103, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 100);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7282, 17.1046, 14.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 100) }
```

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

```
.background{ background-color: rgb(150,  
103, 100) }
```

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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