

Converting Colors

XYZ(19.6501, 14.9203, 17.7766)

Have a look what the booklet for
XYZ(19.6501, 14.9203, 17.7766)
contains.

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Color

**XYZ(19.6639, 14.9667,
17.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	995872
RGB	153, 88, 114
RGB Percent	60%, 35%, 45%
CMY	0.4000, 0.6549, 0.5529
CMYK	0.00, 0.42, 0.25, 0.40
HSL	336°, 27%, 47%
HSV	336°, 42%, 60%
XYZ	19.6639, 14.9667, 17.7720
YIQ	110.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

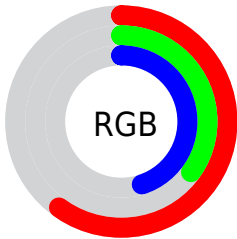
Format	Color
R _{YB}	153, 88, 114
Decimal	10049650
CIE Lab	45.59, 30.25, -3.11
CIE LCh	46, 30.412, 354.124
Yxy	14.9667, 0.3752, 0.2856
Android (android.graphics.Color)	4288239730 (0xFF995872)
YUV	110.3990, 1.7753, 37.3611
Hunter-Lab	38.6868, 23.0268, -0.1559

Details

The XYZ color **19.6639, 14.9667, 17.7720** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2473, 26.3900, 24.1595**, and the grayscale version is **14.9251, 15.7023, 17.0998**.

A 20% lighter version of the original color is **42.4100, 34.7737, 40.5531**, and **6.9977, 4.6203, 5.6772** is the 20% darker color. If you saturate the color by 10%, you get **18.0407, 12.5149, 14.7809**, and if you desaturate by 10%, it is **21.6040, 17.9681, 21.1279**.

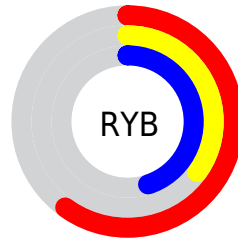
Distribution



Red (60%)

Green (35%)

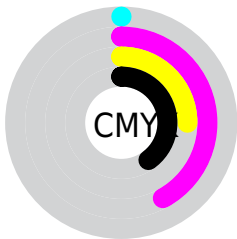
Blue (45%)



Red (60%)

Yellow (35%)

Blue (45%)

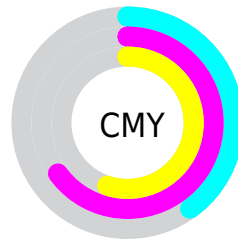


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (40%)



Cyan (40%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6639, 14.9667, 17.7720 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 19.6639, 14.9667, 17.7720 by changing the saturation by 10% instead.

■ 19.6639, 14.9667,
17.7720

■ 19.6639, 14.9667,
17.7720

242.9581,
223.1646, 251.7756

■ 12.2578, 8.7960,
10.6187

■ 42.3612, 34.7948,
40.4571

■ 6.9930, 4.6084,
5.7001

■ 58.3832, 49.2209,
56.8260

■ 3.5040, 2.0194,
2.5978

■ 78.0078, 67.1677,
77.1038

■ 1.4255, 0.6187,
0.8913

■ 101.6004, 89.0195,
101.7090

■ 0.2743, 0.0000,
0.0000

■ 129.5264,
115.1607, 131.0603

■ 0.0000, 0.0000,
0.0000

162.1511,

145.9756, 165.5761

199.8399,
181.8488, 205.6750

■ 19.6639, 14.9667,
17.7720

■ 19.6639, 14.9667,
17.7720

■ 18.0407, 12.5149,
14.7809

■ 21.6040, 17.9681,
21.1279

■ 16.7149, 10.5766,
12.1400

■ 23.8765, 21.5479,
24.8605

■ 15.6669, 9.1150,
9.8349


■ 26.4970, 25.7354,
28.9822

■ 14.8738, 8.0870,
7.8498


■ 29.4802, 30.5574,
33.5046


■ 14.3089, 7.4420,
6.1667


■ 32.8396, 36.0389,
38.4388

 13.9845, 7.1114,
5.0780

 36.5881, 42.2038,
43.7952

 40.7380, 49.0745,
49.5841

 45.3010, 56.6726,
55.8152

 50.2883, 65.0187,
62.4981

Harmonies

Analogous

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



18.5660, 14.9667, 25.9557



19.6639, 14.9667, 17.7720



19.1701, 14.9667, 11.2173

Triad

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



19.6639, 14.9667, 17.7720



12.3193, 14.9667, 6.5666



11.5484, 14.9667, 30.4780

Complementary

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



19.6639, 14.9667, 17.7720



19.2473, 26.3900, 24.1595

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.



10.2137, 14.9667, 22.7148



19.6639, 14.9667, 17.7720



10.6203, 14.9667, 9.3910

Square

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



19.6639, 14.9667, 17.7720



14.7318, 14.9667, 5.9594



9.8953, 14.9667, 14.9044



13.7308, 14.9667, 34.5690

Rectangle

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



19.6639, 14.9667, 17.7720



18.0313, 14.9667, 8.3626



9.8953, 14.9667, 14.9044



10.9966, 14.9667, 28.1172

Sweetspot

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



19.6643, 14.9674, 17.7723



47.0658, 45.4670, 51.3054



17.9926, 13.7923, 31.8511



10.1708, 9.6838, 10.9841



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.



19.6643, 14.9674, 17.7723



32.4339, 22.5992, 26.7099



18.9463, 15.5723, 11.2406



6.3060, 6.2616, 6.9917



11.5735, 5.8836, 4.2792



0.1903, 0.0949, 0.1547

Inverse Universe

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



19.6643, 14.9674, 17.7723



32.4339, 22.5992, 26.7099



20.1310, 25.0874, 33.9185



6.3060, 6.2616, 6.9917



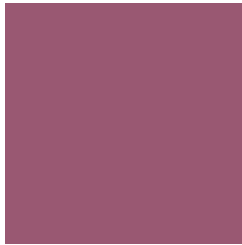
11.5735, 5.8836, 4.2792



0.1903, 0.0949, 0.1547

Previews

White Background



This preview shows how the XYZ color 19.6639, 14.9667, 17.7720 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 19.6639, 14.9667, 17.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

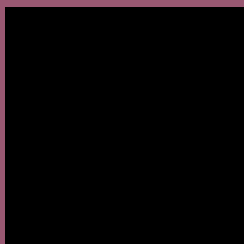
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6639, 14.9667, 17.7720

Background



This preview shows how black text looks on a background with the XYZ color 19.6639, 14.9667, 17.7720.



This preview shows how white text looks on a background with the XYZ color 19.6639, 14.9667,

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

19.6639, 14.9667, 17.7720

Protanopia

14.9542, 15.2347, 21.8911

Deuteranopia

15.3920, 15.1024, 17.1427



Tritanopia

18.7082, 14.9433, 13.4536

Trichromacy



Original Color

19.6639, 14.9667, 17.7720

Protanomaly

16.1926, 14.8501, 20.4253

Deuteranomaly

16.7465, 14.9188, 17.3262

Tritanomaly

19.1037, 14.9872, 14.9826

Monochromacy



Original Color

19.6639, 14.9667, 17.7720

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.2248, 15.0861, 17.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6639, 14.9667, 17.7720 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(153, 88, 114)` looks like.

```
.text, #text, p{  
    color:rgb(153, 88, 114)  
}
```

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(153, 88, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 88, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.6639, 14.9667, 17.7720 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(153, 88, 114) }
```


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

```
.border{ border-color:rgb(153, 88, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 88, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 88, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 88, 114);  
box-shadow:4px 4px 4px 4px rgb(153, 88,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6639, 14.9667, 17.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 88, 114) }
```

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

```
.background{ background-color: rgb(153, 88,  
114) }
```

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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