

Converting Colors

XYZ(19.9421, 17.9570, 17.8423)

Have a look what the booklet for
XYZ(19.9421, 17.9570, 17.8423)
contains.

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Color

**XYZ(19.9642, 17.9147,
17.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	916C70
RGB	145, 108, 112
RGB Percent	57%, 42%, 44%
CMY	0.4314, 0.5765, 0.5608
CMYK	0.00, 0.26, 0.23, 0.43
HSL	354°, 15%, 50%
HSV	354°, 26%, 57%
XYZ	19.9642, 17.9147, 17.7349
YIQ	119.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

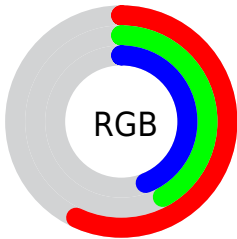
Format	Color
R_{YB}	145, 108, 112
Decimal	9530480
CIE _{Lab}	49.39, 15.35, 3.52
CIE _{LCh}	49, 15.752, 12.917
Yxy	17.9147, 0.3590, 0.3221
Android (android.graphics.Color)	4287720560 (0xFF916C70)
YUV	119.5190, -3.7069, 22.3468
Hunter-Lab	42.3258, 10.1247, 4.7850

Details

The XYZ color **19.9642, 17.9147, 17.7349** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1181, 25.3624, 28.9828**, and the grayscale version is **17.7064, 18.6285, 20.2864**.

A 20% lighter version of the original color is **43.0911, 40.1013, 40.5911**, and **7.1574, 5.9816, 5.6278** is the 20% darker color. If you saturate the color by 10%, you get **17.8911, 14.8393, 13.7426**, and if you desaturate by 10%, it is **22.3961, 21.5418, 22.3576**.

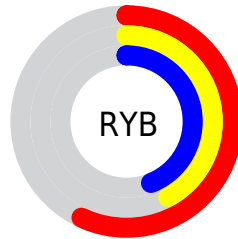
Distribution



Red (57%)

Green (42%)

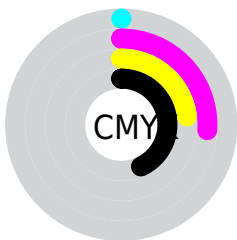
Blue (44%)



Red (57%)

Yellow (42%)

Blue (44%)

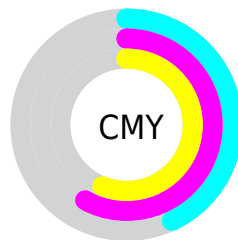


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9642, 17.9147, 17.7349 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 19.9642, 17.9147, 17.7349 by changing the saturation by 10% instead.

■ 19.9642, 17.9147,
17.7349

■ 19.9642, 17.9147,
17.7349

244.5585,
240.3898, 251.5583

■ 12.4771, 10.8888,
10.5924

■ 42.8616, 39.8919,
40.3929

■ 7.1440, 5.9921,
5.6827

■ 59.0026, 55.6120,
56.7454

■ 3.5995, 2.8403,
2.5875

■ 78.7589, 74.9989,
77.0051

■ 1.4781, 1.0489,
0.8860

■ 102.4960, 98.4371,
101.5903

■ 0.3109, 0.0000,
0.0000

130.5791,
126.3108, 130.9197

■ 0.0000, 0.0000,
0.0000

163.3737,

159.0046, 165.4118

201.2450,
196.9028, 205.4851

■ 19.9642, 17.9147,
17.7349

■ 19.9642, 17.9147,
17.7349

■ 17.8911, 14.8393,
13.7426

■ 22.3961, 21.5418,
22.3576

■ 16.1584, 12.2863,
10.3523

■ 25.2011, 25.7433,
27.6353

■ 14.7483, 10.2273,
7.5350

■ 28.3947, 30.5434,
33.5924

■ 13.6405, 8.6303,
5.2590

■ 31.9908, 35.9643,
40.2521

■ 12.8129, 7.4596,
3.4893

■ 36.0029, 42.0271,
47.6361

■ 12.2398, 6.6740,
2.1869

■ 40.4437, 48.7519,
55.7655

■ 11.8874, 6.2168,
1.3058

■ 45.3254, 56.1579,
64.6603

■ 11.7681, 6.0562,
1.0259

■ 50.6597, 64.2635,
74.3399

■ 56.4579, 73.0863,
84.8228

Harmonies

Analogous

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



19.9045, 17.9147, 22.0076



19.9642, 17.9147, 17.7349



19.2047, 17.9147, 14.4517

Triad

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



19.9642, 17.9147, 17.7349



15.1565, 17.9147, 14.1104



16.2025, 17.9147, 28.4113

Complementary

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



19.9642, 17.9147, 17.7349



21.1181, 25.3624, 28.9828

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.



15.0211, 17.9147, 25.6197



19.9642, 17.9147, 17.7349



14.4418, 17.9147, 17.2016

Square

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



19.9642, 17.9147, 17.7349



16.3972, 17.9147, 12.5731



14.3937, 17.9147, 21.3914



17.6736, 17.9147, 28.6094

Rectangle

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



19.9642, 17.9147, 17.7349



18.3604, 17.9147, 13.0947



14.3937, 17.9147, 21.3914



15.7605, 17.9147, 27.7284

Sweetspot

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



19.9647, 17.9155, 17.7353



43.7325, 44.0042, 46.8673



21.4046, 18.4053, 29.2125



9.5710, 9.5527, 10.1296



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.9647, 17.9155, 17.7353



33.4028, 28.5923, 27.2463



21.3664, 21.0672, 17.1287



5.4311, 5.4330, 5.7682



10.0992, 5.1967, 0.9080



0.1003, 0.0512, 0.0283

Inverse Universe

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



19.9647, 17.9155, 17.7353



33.4028, 28.5923, 27.2463



19.3875, 21.4165, 29.9000



5.4311, 5.4330, 5.7682



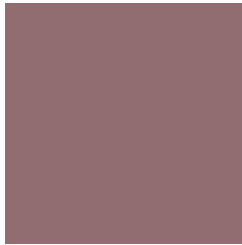
10.0992, 5.1967, 0.9080



0.1003, 0.0512, 0.0283

Previews

White Background



This preview shows how the XYZ color 19.9642, 17.9147, 17.7349 looks on a white background.

Color Contrast Check

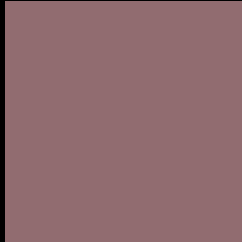
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9642, 17.9147, 17.7349 looks on a black 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

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

XYZ 19.9642, 17.9147, 17.7349

Background



This preview shows how black text looks on a background with the XYZ color 19.9642, 17.9147, 17.7349.



This preview shows how white text looks on a background with the XYZ color 19.9642, 17.9147,

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

19.9642, 17.9147, 17.7349

Protanopia

17.3179, 18.0000, 19.3912

Deuteranopia

18.4023, 18.0879, 17.5603



Tritanopia

20.0871, 17.7961, 18.8993

Trichromacy



Original Color

19.9642, 17.9147, 17.7349

Protanomaly

18.1651, 17.9396, 18.7249

Deuteranomaly

18.9799, 18.0544, 17.5234

Tritanomaly

20.0293, 17.7729, 18.5945

Monochromacy



Original Color

19.9642, 17.9147, 17.7349

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5095, 18.4423, 19.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9642, 17.9147, 17.7349 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(145, 108, 112)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 112)  
}
```

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(145, 108, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.9642, 17.9147, 17.7349 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(145, 108, 112) }
```


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

```
.border{ border-color:rgb(145, 108, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 112);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9642, 17.9147, 17.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 112) }
```

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

```
.background{ background-color: rgb(145,  
108, 112) }
```

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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