

Converting Colors

XYZ(19.2665, 17.2132, 15.8896)

Have a look what the booklet for
XYZ(19.2665, 17.2132, 15.8896)
contains.

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Color

**XYZ(19.2572, 17.2780,
15.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	906A6A
RGB	144, 106, 106
RGB Percent	56%, 42%, 42%
CMY	0.4353, 0.5843, 0.5843
CMYK	0.00, 0.26, 0.26, 0.44
HSL	0°, 15%, 49%
HSV	0°, 26%, 56%
XYZ	19.2572, 17.2780, 15.9557
YIQ	117.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

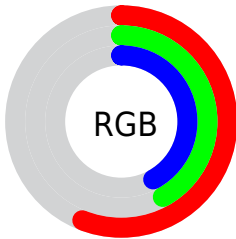
Format	Color
RYB	144, 106, 106
Decimal	9464426
CIELab	48.61, 15.18, 5.95
CIELCh	49, 16.307, 21.405
Yxy	17.2780, 0.3669, 0.3292
Android (android.graphics.Color)	4287654506 (0xFF906A6A)
YUV	117.3620, -5.6015, 23.3615
Hunter-Lab	41.5668, 9.9541, 6.3379

Details

The XYZ color **19.2572, 17.2780, 15.9557** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9509, 25.0236, 30.1116**, and the grayscale version is **17.0332, 17.9203, 19.5152**.

A 20% lighter version of the original color is **41.6960, 38.6904, 37.1687**, and **6.8167, 5.6690, 4.8726** is the 20% darker color. If you saturate the color by 10%, you get **17.2090, 14.2811, 11.8835**, and if you desaturate by 10%, it is **21.6812, 20.8252, 20.7741**.

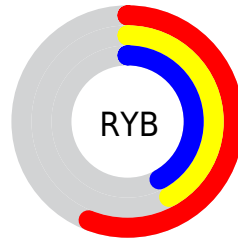
Distribution



Red (56%)

Green (42%)

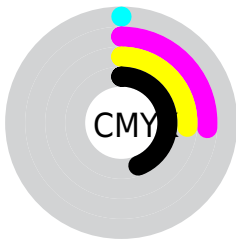
Blue (42%)



Red (56%)

Yellow (42%)

Blue (42%)

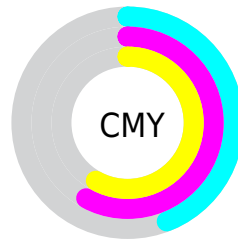


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2572, 17.2780, 15.9557 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 19.2572, 17.2780, 15.9557 by changing the saturation by 10% instead.

■ 19.2572, 17.2780,
15.9557

■ 19.2572, 17.2780,
15.9557

240.7759,
236.7694, 240.9169

■ 11.9614, 10.4329,
9.3388

■ 41.6818, 38.8031,
37.2870

■ 6.7894, 5.6869,
4.8630

■ 57.5412, 54.2520,
52.8385

■ 3.3759, 2.6557,
2.1098

■ 76.9860, 73.3375,
72.2052

■ 1.3555, 0.9547,
0.6216

■ 100.3813, 96.4441,
95.8058

■ 0.2242, 0.0000,
0.0000

128.0926,
123.9562, 124.0587

■ 0.0000, 0.0000,
0.0000

160.4853,

156.2582, 157.3825

197.9246,
193.7344, 196.1957

■ 19.2572, 17.2780,
15.9557

■ 19.2572, 17.2780,
15.9557

■ 17.2090, 14.2811,
11.8835

■ 21.6812, 20.8252,
20.7741

■ 15.5166, 11.8046,
8.5191

■ 24.4972, 24.9456,
26.3721

■ 14.1602, 9.8197,
5.8225

■ 27.7218, 29.6641,
32.7826

■ 13.1172, 8.2935,
3.7493

■ 31.3704, 35.0031,
40.0362

■ 12.3627, 7.1894,
2.2495

■ 35.4578, 40.9839,
48.1619

■ 11.8678, 6.4651,
1.2657

■ 39.9976, 47.6269,
57.1873

■ 11.5867, 6.0539,
0.7072

■ 45.0034, 54.9516,
67.1389

■ 11.5018, 5.9296,
0.5383

■ 50.4877, 62.9766,
78.0420

■ 56.4629, 71.7198,
89.9209

Harmonies

Analogous

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



19.4430, 17.2780, 20.0748



19.2572, 17.2780, 15.9557



18.2884, 17.2780, 13.0660

Triad

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



19.2572, 17.2780, 15.9557



14.2691, 17.2780, 14.1152



15.9948, 17.2780, 28.2216

Complementary

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



19.2572, 17.2780, 15.9557



20.9509, 25.0236, 30.1116

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.



14.6875, 17.2780, 26.0373



19.2572, 17.2780, 15.9557



13.7317, 17.2780, 17.6049

Square

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



19.2572, 17.2780, 15.9557



15.3917, 17.2780, 12.1214



13.8801, 17.2780, 21.9921



17.4977, 17.2780, 27.6010

Rectangle

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



19.2572, 17.2780, 15.9557



17.3594, 17.2780, 12.0183



13.8801, 17.2780, 21.9921



15.5194, 17.2780, 27.7803

Sweetspot

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



19.2577, 17.2788, 15.9561



42.2734, 42.6318, 44.6579



21.6899, 18.2512, 28.7654



9.5303, 9.5365, 9.9151



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.



19.2577, 17.2788, 15.9561



31.6258, 27.0515, 23.4907



21.4369, 21.6374, 16.6825



5.4089, 5.4241, 5.6513



10.0159, 5.1636, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



20.9509, 25.0236, 30.1116



35.1587, 43.2107, 53.0255



18.3117, 19.7453, 29.2318



5.5602, 6.1163, 6.9163



13.0672, 19.1204, 25.9790



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 19.2572, 17.2780, 15.9557 looks on a white background.

Color Contrast Check

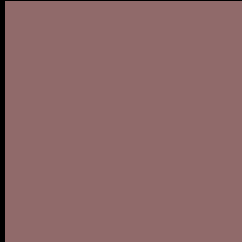
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2572, 17.2780, 15.9557 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 19.2572, 17.2780, 15.9557

Background



This preview shows how black text looks on a background with the XYZ color 19.2572, 17.2780, 15.9557.



This preview shows how white text looks on a background with the XYZ color 19.2572, 17.2780,

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

19.2572, 17.2780, 15.9557

Protanopia

16.6077, 17.3311, 17.5088

Deuteranopia

17.7040, 17.4336, 15.7965



Tritanopia

19.7093, 17.3151, 17.9262

Trichromacy



Original Color

19.2572, 17.2780, 15.9557

Protanomaly

17.4566, 17.2817, 16.8836

Deuteranomaly

18.2791, 17.4060, 15.7609

Tritanomaly

19.5431, 17.2487, 17.0511

Monochromacy



Original Color

19.2572, 17.2780, 15.9557

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6382, 17.5145, 18.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2572, 17.2780, 15.9557 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(144, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(144, 106, 106)  
}
```

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(144, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 19.2572, 17.2780, 15.9557 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(144, 106, 106) }
```


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

```
.border{ border-color:rgb(144, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(144, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2572, 17.2780, 15.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 106, 106) }
```

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

```
.background{ background-color: rgb(144,  
106, 106) }
```

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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