

Converting Colors

XYZ(19.5430, 17.7753, 16.5636)

Have a look what the booklet for
XYZ(19.5430, 17.7753, 16.5636)
contains.

XYZ(19.5709, 17.7371, 16.5795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.5709, 17.7371,
16.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	906C6C
RGB	144, 108, 108
RGB Percent	56%, 42%, 42%
CMY	0.4353, 0.5765, 0.5765
CMYK	0.00, 0.25, 0.25, 0.44
HSL	0°, 14%, 49%
HSV	0°, 25%, 56%
XYZ	19.5709, 17.7371, 16.5795
YIQ	118.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

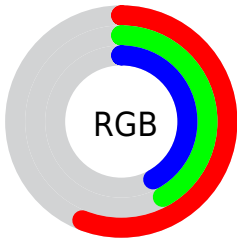
Format	Color
R_{YB}	144, 108, 108
Decimal	9464940
CIE _{Lab}	49.18, 14.32, 5.57
CIE _{LCh}	49, 15.369, 21.260
Yxy	17.7371, 0.3632, 0.3292
Android (android.graphics.Color)	4287655020 (0xFF906C6C)
YUV	118.7640, -5.3067, 22.1320
Hunter-Lab	42.1154, 9.2463, 6.1402

Details

The XYZ color **19.5709, 17.7371, 16.5795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1914, 25.1475, 30.1226**, and the grayscale version is **17.4719, 18.3818, 20.0177**.

A 20% lighter version of the original color is **42.1175, 39.6506, 38.2344**, and **6.9724, 5.8958, 5.1854** is the 20% darker color. If you saturate the color by 10%, you get **17.4718, 14.6656, 12.4059**, and if you desaturate by 10%, it is **22.0484, 21.3625, 21.5042**.

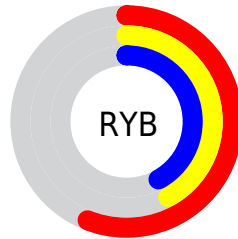
Distribution



Red (56%)

Green (42%)

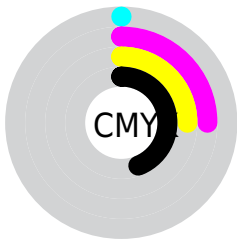
Blue (42%)



Red (56%)

Yellow (42%)

Blue (42%)

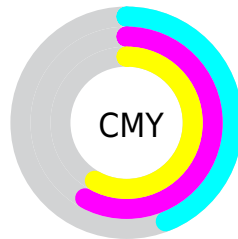


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5709, 17.7371, 16.5795 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 19.5709, 17.7371, 16.5795 by changing the saturation by 10% instead.

■ 19.5709, 17.7371,
16.5795

■ 19.5709, 17.7371,
16.5795

242.4607,
239.3850, 244.6987

■ 12.1900, 10.7614,
9.7764

■ 42.2060, 39.5888,
38.3821

■ 6.9463, 5.9066,
5.1473

■ 58.1910, 55.2337,
54.2186

■ 3.4746, 2.7884,
2.2737

■ 77.7746, 74.5370,
73.9033

■ 1.4094, 1.0223,
0.7164

■ 101.3223, 97.8832,
97.8547

■ 0.2629, 0.0000,
0.0000

129.1993,
125.6568, 126.4914

■ 0.0000, 0.0000,
0.0000

161.7712,

158.2420, 160.2320

199.4032,
196.0232, 199.4949

■ 19.5709, 17.7371,
16.5795

■ 19.5709, 17.7371,
16.5795

■ 17.4718, 14.6656,
12.4059

■ 22.0484, 21.3625,
21.5042

■ 15.7311, 12.1184,
8.9455

■ 24.9202, 25.5647,
27.2132

■ 14.3292, 10.0671,
6.1588

■ 28.2028, 30.3680,
33.7390

■ 13.2441, 8.4793,
4.0018

■ 31.9115, 35.7948,
41.1120

■ 12.4512, 7.3190,
2.4256

■ 36.0608, 41.8665,
49.3610

■ 11.9221, 6.5447,
1.3739

■ 40.6646, 48.6030,
58.5134

■ 11.6193, 6.1016,
0.7721

■ 45.7361, 56.0239,
68.5956

■ 11.5017, 5.9295,
0.5383

■ 51.2878, 64.1475,
79.6328

■ 57.3321, 72.9918,
91.6490

Harmonies

Analogous

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



19.7439, 17.7371, 20.5420



19.5709, 17.7371, 16.5795



18.6500, 17.7371, 13.7678

Triad

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



19.5709, 17.7371, 16.5795



14.7912, 17.7371, 14.7661



16.4416, 17.7371, 28.2514

Complementary

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



19.5709, 17.7371, 16.5795



21.1914, 25.1475, 30.1226

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.



15.1857, 17.7371, 26.1764



19.5709, 17.7371, 16.5795



14.2690, 17.7371, 18.1334

Square

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



19.5709, 17.7371, 16.5795



15.8751, 17.7371, 12.8290



14.4092, 17.7371, 22.3309



17.8819, 17.7371, 27.6789

Rectangle

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



19.5709, 17.7371, 16.5795



17.7632, 17.7371, 12.7385



14.4092, 17.7371, 22.3309



15.9852, 17.7371, 27.8307

Sweetspot

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



19.5714, 17.7379, 16.5799



42.8072, 43.4130, 45.7192



21.8983, 18.6682, 28.8347



9.7565, 9.8676, 10.3649



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.



19.5714, 17.7379, 16.5799



32.3598, 28.1255, 24.9498



21.6694, 21.9339, 17.2792



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.



21.1914, 25.1475, 30.1226



35.7213, 43.5008, 53.0518



18.6794, 20.1237, 29.2853



5.5602, 6.1163, 6.9163



13.0673, 19.1205, 25.9790



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 19.5709, 17.7371, 16.5795 looks on a white background.

Color Contrast Check

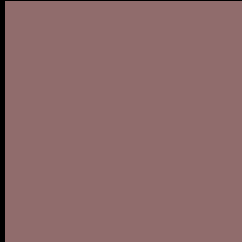
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5709, 17.7371, 16.5795 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 19.5709, 17.7371, 16.5795

Background



This preview shows how black text looks on a background with the XYZ color 19.5709, 17.7371, 16.5795.



This preview shows how white text looks on a background with the XYZ color 19.5709, 17.7371,

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

19.5709, 17.7371, 16.5795

Protanopia

17.0877, 17.9079, 18.1787

Deuteranopia

18.0747, 17.7773, 16.3886



Tritanopia

20.0293, 17.7729, 18.5945

Trichromacy



Original Color

19.5709, 17.7371, 16.5795

Protanomaly

17.9398, 17.8495, 17.5387

Deuteranomaly

18.4916, 17.6647, 16.3449

Tritanomaly

19.8594, 17.7050, 17.6999

Monochromacy



Original Color

19.5709, 17.7371, 16.5795

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1273, 18.0885, 18.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5709, 17.7371, 16.5795 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, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 108, 108)  
}
```

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, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 108, 108) }
```

Border

The CSS property to change the border of an element to XYZ 19.5709, 17.7371, 16.5795 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, 108, 108) }
```


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

```
.border{ border-color:rgb(144, 108, 108) }
```

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

Here you see how a box with a 4 pixel rgb(144, 108, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(144, 108,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5709, 17.7371, 16.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 108, 108) }
```

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

```
.background{ background-color: rgb(144,  
108, 108) }
```

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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