

Converting Colors

XYZ(21.8688, 19.0677, 16.9859)

Have a look what the booklet for
XYZ(21.8688, 19.0677, 16.9859)
contains.

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Color

**XYZ(21.9393, 19.1093,
17.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D6D
RGB	156, 109, 109
RGB Percent	61%, 43%, 43%
CMY	0.3882, 0.5725, 0.5725
CMYK	0.00, 0.30, 0.30, 0.39
HSL	0°, 19%, 52%
HSV	0°, 30%, 61%
XYZ	21.9393, 19.1093, 17.0001
YIQ	123.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

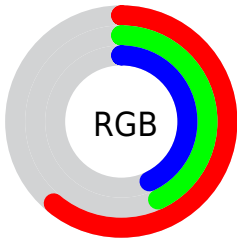
Format	Color
R_{YB}	156, 109, 109
Decimal	10251629
CIE Lab	50.81, 18.72, 7.50
CIE LCh	51, 20.165, 21.845
Yxy	19.1093, 0.3779, 0.3292
Android (android.graphics.Color)	4288441709 (0xFF9C6D6D)
YUV	123.0530, -6.9281, 28.8945
Hunter-Lab	43.7142, 13.0859, 7.5425

Details

The XYZ color **21.9393, 19.1093, 17.0001** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1956, 29.4277, 35.8576**, and the grayscale version is **18.8603, 19.8425, 21.6085**.

A 20% lighter version of the original color is **46.2414, 42.0249, 38.9321**, and **8.1318, 6.5689, 5.3968** is the 20% darker color. If you saturate the color by 10%, you get **19.6540, 15.7654, 12.4564**, and if you desaturate by 10%, it is **24.6701, 23.1053, 22.4281**.

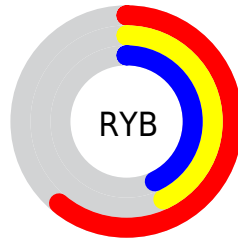
Distribution



Red (61%)

Green (43%)

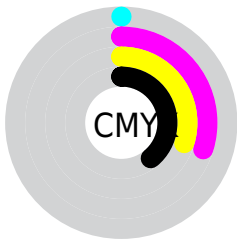
Blue (43%)



Red (61%)

Yellow (43%)

Blue (43%)

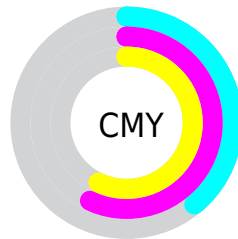


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (39%)



Cyan (39%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9393, 19.1093, 17.0001 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 21.9393, 19.1093, 17.0001 by changing the saturation by 10% instead.


 21.9393, 19.1093,
17.0001


 21.9393, 19.1093,
17.0001

254.8674,
247.0515, 247.2169


 13.9287, 11.7493,
10.0726


 46.1253, 41.9187,
39.1166

 8.1524, 6.5732,
5.3409


 63.0313, 58.1369,
55.1427

 4.2453, 3.1966,
2.3864

 83.6331, 78.0766,
75.0387

 1.8418, 1.2352,
0.7790

 108.2962,
102.1222, 99.2232

 0.5427, 0.0902,
0.0000

137.3858,
130.6581, 128.1148

 0.0000, 0.0000,
0.0000

171.2673,

164.0687, 162.1319

210.3061,
202.7383, 201.6931

■ 21.9393, 19.1093,
17.0001

■ 21.9393, 19.1093,
17.0001

■ 19.6540, 15.7654,
12.4564

■ 24.6701, 23.1053,
22.4281

■ 17.7890, 13.0364,
8.7490

■ 27.8665, 27.7826,
28.7825

■ 16.3193, 10.8858,
5.8274

■ 31.5494, 33.1717,
36.1041


■ 15.2164, 9.2718,
3.6349


■ 35.7380, 39.3007,
44.4310

■ 14.4480, 8.1473,
2.1075


■ 40.4503, 46.1961,
53.7991


 13.9762, 7.4570,
1.1698

 45.7035, 53.8830,
64.2426

 13.7105, 7.0682,
0.6417

 51.5142, 62.3856,
75.7943

 57.8979, 71.7267,
88.4853

 64.8699, 81.9285,
102.3458

Harmonies

Analogous

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



22.2073, 19.1093, 22.3956



21.9393, 19.1093, 17.0001



20.6233, 19.1093, 13.3431

Triad

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



21.9393, 19.1093, 17.0001



15.3249, 19.1093, 14.7600



17.6270, 19.1093, 33.6055

Complementary

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



21.9393, 19.1093, 17.0001



24.1956, 29.4277, 35.8576

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.



15.9062, 19.1093, 30.6358



21.9393, 19.1093, 17.0001



14.6418, 19.1093, 19.2949

Square

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



21.9393, 19.1093, 17.0001



16.7798, 19.1093, 12.2233



14.8467, 19.1093, 25.1431



19.6198, 19.1093, 32.6861

Rectangle

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



21.9393, 19.1093, 17.0001



19.3778, 19.1093, 12.0553



14.8467, 19.1093, 25.1431



16.9997, 19.1093, 33.0123

Sweetspot

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



21.9398, 19.1102, 17.0005



51.2099, 51.3341, 53.4634



25.1799, 20.4057, 34.0643



11.0807, 11.0211, 11.3911



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.9398, 19.1102, 17.0005



37.0268, 30.5801, 25.2677



24.7901, 24.8108, 17.9506



6.6331, 6.6462, 6.9189



11.2932, 5.8220, 0.5285



0.2019, 0.1041, 0.0095

Inverse Universe

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



24.1956, 29.4277, 35.8576



41.7829, 52.3333, 65.0259



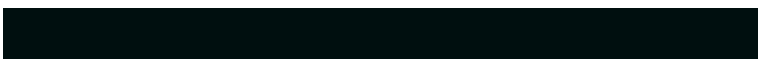
20.6269, 22.2902, 34.6680



6.8218, 7.5094, 8.4966



14.7339, 21.5592, 29.2920



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 21.9393, 19.1093, 17.0001 looks on a white background.

Color Contrast Check

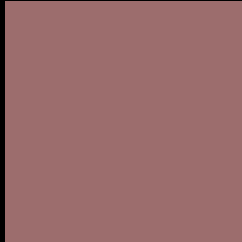
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 21.9393, 19.1093, 17.0001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

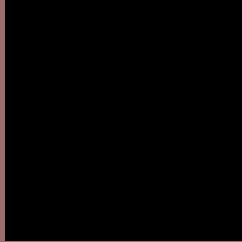
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9393, 19.1093, 17.0001

Background



This preview shows how black text looks on a background with the XYZ color 21.9393, 19.1093, 17.0001.



This preview shows how white text looks on a background with the XYZ color 21.9393, 19.1093,

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

21.9393, 19.1093, 17.0001

Protanopia

18.3893, 19.2725, 18.9704

Deuteranopia

19.5493, 19.2086, 16.8646



Tritanopia

22.4196, 19.1542, 19.0385

Trichromacy



Original Color

21.9393, 19.1093, 17.0001

Protanomaly

19.4953, 19.1491, 18.2914

Deuteranomaly

20.4011, 19.1371, 16.8059

Tritanomaly

22.2478, 19.0855, 18.1341

Monochromacy



Original Color

21.9393, 19.1093, 17.0001

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7401, 19.4158, 19.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9393, 19.1093, 17.0001 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(156, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 109)  
}
```

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(156, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.9393, 19.1093, 17.0001 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(156, 109, 109) }
```


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

```
.border{ border-color:rgb(156, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9393, 19.1093, 17.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 109) }
```

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

```
.background{ background-color: rgb(156,  
109, 109) }
```

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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