

Converting Colors

XYZ(21.9357, 19.1828, 17.2611)

Have a look what the booklet for
XYZ(21.9357, 19.1828, 17.2611)
contains.

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Color

**XYZ(21.9080, 19.2462,
17.3121)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6E6E
RGB	155, 110, 110
RGB Percent	61%, 43%, 43%
CMY	0.3922, 0.5686, 0.5686
CMYK	0.00, 0.29, 0.29, 0.39
HSL	0°, 18%, 52%
HSV	0°, 29%, 61%
XYZ	21.9080, 19.2462, 17.3121
YIQ	123.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

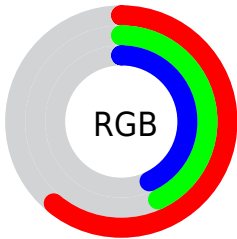
Format	Color
R _{YB}	155, 110, 110
Decimal	10186350
CIE _{Lab}	50.97, 17.89, 7.12
CIE _{LCh}	51, 19.252, 21.715
Yxy	19.2462, 0.3747, 0.3292
Android (android.graphics.Color)	4288376430 (0xFF9B6E6E)
YUV	123.4550, -6.6333, 27.6650
Hunter-Lab	43.8705, 12.3658, 7.3124

Details

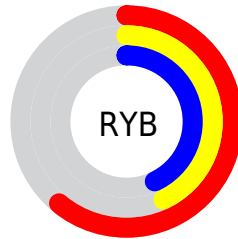
The XYZ color **21.9080, 19.2462, 17.3121** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0679, 29.1235, 35.3634**, and the grayscale version is **18.9926, 19.9817, 21.7601**.

A 20% lighter version of the original color is **46.0203, 42.1509, 39.8928**, and **8.0993, 6.6289, 5.5553** is the 20% darker color. If you saturate the color by 10%, you get **19.6083, 15.8813, 12.7398**, and if you desaturate by 10%, it is **24.6489, 23.2570, 22.7602**.

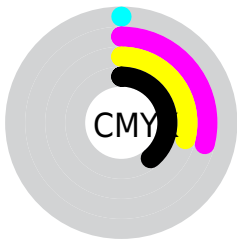
Distribution



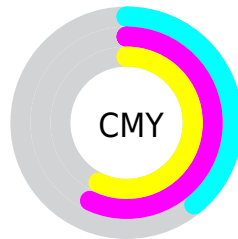
- Red (61%)
- Green (43%)
- Blue (43%)



- Red (61%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (29%)
- Black (39%)





- Cyan (39%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9080, 19.2462, 17.3121 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 21.9080, 19.2462, 17.3121 by changing the saturation by 10% instead.


 21.9080, 19.2462,
17.3121


 21.9080, 19.2462,
17.3121


254.7069,
247.8046, 249.0691


 13.9055, 11.8483,
10.2930


 46.0739, 42.1497,
39.6596


 8.1363, 6.6405,
5.4855


 62.9680, 58.4241,
55.8250

 4.2348, 3.2383,
2.4712

 83.5567, 78.4261,
75.8763

 1.8358, 1.2574,
0.8248

 108.2054,
102.5402, 100.2319

 0.5391, 0.1078,
0.0000

137.2794,
131.1507, 129.3105

 0.0000, 0.0000,
0.0000

171.1441,

164.6420, 163.5305

210.1648,
203.3985, 203.3105

■ 21.9080, 19.2462,
17.3121

■ 21.9080, 19.2462,
17.3121

■ 19.6083, 15.8813,
12.7398

■ 24.6489, 23.2570,
22.7602

■ 17.7254, 13.1259,
8.9966

■ 27.8506, 27.9420,
29.1252

■ 16.2346, 10.9445,
6.0332

■ 31.5336, 33.3313,
36.4470

■ 15.1084, 9.2965,
3.7945

■ 35.7167, 39.4523,
44.7629

■ 14.3155, 8.1363,
2.2184

■ 40.4174, 46.3307,
54.1080

■ 13.8194, 7.4103,
1.2323

■ 45.6528, 53.9914,
64.5159

■ 13.5423, 7.0047,
0.6814

■ 51.4388, 62.4579,
76.0186

■ 13.5178, 6.9688,
0.6327

■ 57.7909, 71.7527,
88.6466

■ 64.7238, 81.8974,
102.4295

Harmonies

Analogous

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



22.1588, 19.2462, 22.5027



21.9080, 19.2462, 17.3121



20.6554, 19.2462, 13.7583

Triad

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



21.9080, 19.2462, 17.3121



15.5680, 19.2462, 15.1096



17.7706, 19.2462, 33.1331

Complementary

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



21.9080, 19.2462, 17.3121



24.0679, 29.1235, 35.3634

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.



16.1178, 19.2462, 30.3067



21.9080, 19.2462, 17.3121



14.9051, 19.2462, 19.4816

Square

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



21.9080, 19.2462, 17.3121



16.9720, 19.2462, 12.6487



15.0992, 19.2462, 25.0780



19.6807, 19.2462, 32.2795

Rectangle

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



21.9080, 19.2462, 17.3121



19.4653, 19.2462, 12.4960



15.0992, 19.2462, 25.0780



17.1686, 19.2462, 32.5666

Sweetspot

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



21.9085, 19.2471, 17.3125



49.7888, 49.9116, 51.9840



25.0101, 20.4872, 33.6468



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.



21.9085, 19.2471, 17.3125



36.4106, 30.3355, 25.3886



24.6515, 24.7331, 18.2268



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



24.0679, 29.1235, 35.3634



40.9375, 51.0403, 63.2304



20.6663, 22.3203, 34.2295



6.3846, 7.0265, 7.9487



14.1654, 20.7275, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 21.9080, 19.2462, 17.3121 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 21.9080, 19.2462, 17.3121 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 21.9080, 19.2462, 17.3121

Background



This preview shows how black text looks on a background with the XYZ color 21.9080, 19.2462, 17.3121.



This preview shows how white text looks on a background with the XYZ color 21.9080, 19.2462,

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

21.9080, 19.2462, 17.3121

Protanopia

18.4472, 19.2957, 19.2752

Deuteranopia

19.6028, 19.2300, 17.1466



Tritanopia

22.3898, 19.2896, 19.3728

Trichromacy



Original Color

21.9080, 19.2462, 17.3121

Protanomaly

19.5519, 19.1717, 18.5896

Deuteranomaly

20.2792, 19.0680, 17.0797

Tritanomaly

22.2162, 19.2201, 18.4585

Monochromacy



Original Color

21.9080, 19.2462, 17.3121

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 21.9080, 19.2462, 17.3121 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(155, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(155, 110, 110)  
}
```

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(155, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.9080, 19.2462, 17.3121 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(155, 110, 110) }
```


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

```
.border{ border-color:rgb(155, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(155, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9080, 19.2462, 17.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 110, 110) }
```

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

```
.background{ background-color: rgb(155,  
110, 110) }
```

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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