

Converting Colors

XYZ(21.9237, 19.2085, 19.3817)

Have a look what the booklet for
XYZ(21.9237, 19.2085, 19.3817)
contains.

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Color

**XYZ(21.9237, 19.2085,
19.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	996E75
RGB	153, 110, 117
RGB Percent	60%, 43%, 46%
CMY	0.4000, 0.5686, 0.5412
CMYK	0.00, 0.28, 0.24, 0.40
HSL	350°, 17%, 52%
HSV	350°, 28%, 60%
XYZ	21.9237, 19.2085, 19.3817
YIQ	123.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

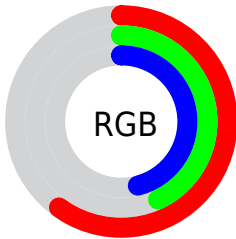
Format	Color
R_{YB}	153, 110, 117
Decimal	10055285
CIE _{Lab}	50.93, 18.15, 2.89
CIE _{LCh}	51, 18.376, 9.053
Yxy	19.2085, 0.3623, 0.3174
Android (android.graphics.Color)	4288245365 (0xFF996E75)
YUV	123.6550, -3.2809, 25.7356
Hunter-Lab	43.8275, 12.5924, 4.4596

Details

The XYZ color **21.9237, 19.2085, 19.3817** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0108, 28.1733, 31.4208**, and the grayscale version is **19.0490, 20.0410, 21.8247**.

A 20% lighter version of the original color is **46.0942, 42.1151, 43.2357**, and **8.1636, 6.6416, 6.4819** is the 20% darker color. If you saturate the color by 10%, you get **19.7109, 15.9068, 15.1789**, and if you desaturate by 10%, it is **24.5257, 23.1233, 24.2232**.

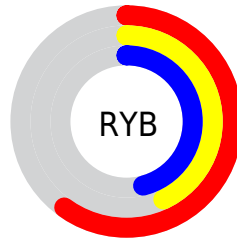
Distribution



Red (60%)

Green (43%)

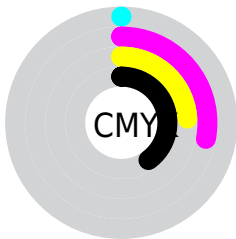
Blue (46%)



Red (60%)

Yellow (43%)

Blue (46%)

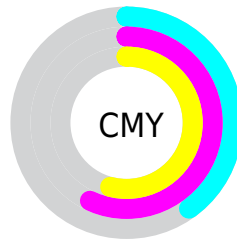


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9237, 19.2085, 19.3817 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 21.9237, 19.2085, 19.3817 by changing the saturation by 10% instead.

■ 21.9237, 19.2085,
19.3817

■ 21.9237, 19.2085,
19.3817

254.7874,
247.5974, 261.0405

■ 13.9171, 11.8210,
11.7668

■ 46.0996, 42.0861,
43.2233

■ 8.1444, 6.6219,
6.4645

■ 62.9997, 58.3451,
60.2872

■ 4.2400, 3.2268,
3.0562

■ 83.5951, 78.3299,
81.3378

■ 1.8388, 1.2513,
1.1234

■ 108.2510,
102.4252, 106.7936

■ 0.5409, 0.1030,
0.0000

137.3328,
131.0151, 137.0733

■ 0.0000, 0.0000,
0.0000

171.2059,

164.4842, 172.5953

210.2357,
203.2169, 213.7782

■ 21.9237, 19.2085,
19.3817

■ 21.9237, 19.2085,
19.3817

■ 19.7109, 15.9068,
15.1789

■ 24.5257, 23.1233,
24.2232

■ 17.8669, 13.1846,
11.5869

■ 27.5328, 27.6772,
29.7275

■ 16.3719, 11.0091,
8.5774

■ 30.9620, 32.8981,
35.9187

■ 15.2034, 9.3431,
6.1193

■ 34.8289, 38.8115,
42.8196

■ 14.3363, 8.1448,
4.1786

■ 39.1481, 45.4412,
50.4517

■ 13.7420, 7.3657,
2.7174

■ 43.9337, 52.8104,
58.8357

■ 13.3701, 6.9160,
1.6872

■ 49.1991, 60.9407,
67.9914

■ 13.3113, 6.8421,
1.5330

■ 54.9573, 69.8533,
77.9379

■ 61.2206, 79.5683,
88.6937

Harmonies

Analogous

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



21.7130, 19.2085, 24.6941



21.9237, 19.2085, 19.3817



21.1026, 19.2085, 15.2301

Triad

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



21.9237, 19.2085, 19.3817



16.1461, 19.2085, 14.0756



17.0380, 19.2085, 31.7026

Complementary

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



21.9237, 19.2085, 19.3817



23.0108, 28.1733, 31.4208

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.



15.6796, 19.2085, 27.8626



21.9237, 19.2085, 19.3817



15.1889, 19.2085, 17.5422

Square

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



21.9237, 19.2085, 19.3817



17.7136, 19.2085, 12.5180



15.0240, 19.2085, 22.5267



18.8116, 19.2085, 32.4150

Rectangle

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



21.9237, 19.2085, 19.3817



20.1106, 19.2085, 13.4626



15.0240, 19.2085, 22.5267



16.5211, 19.2085, 30.7077

Sweetspot

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



21.9242, 19.2094, 19.3821



49.2757, 49.5177, 53.1799



23.1508, 19.5484, 32.6903



10.7031, 10.6646, 11.4198



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.9242, 19.2094, 19.3821



36.5833, 30.3961, 29.6400



23.2015, 22.3979, 17.8533



6.2478, 6.2383, 6.6849



11.0103, 5.6583, 1.3132



0.1737, 0.0882, 0.0675

Inverse Universe

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



21.9242, 19.2094, 19.3821



36.5833, 30.3961, 29.6400



21.3653, 23.9845, 33.6406



6.2478, 6.2383, 6.6849



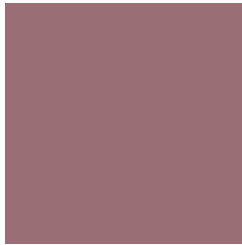
11.0103, 5.6583, 1.3132



0.1737, 0.0882, 0.0675

Previews

White Background



This preview shows how the XYZ color 21.9237, 19.2085, 19.3817 looks on a white background.

Color Contrast Check

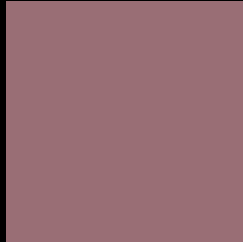
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9237, 19.2085, 19.3817 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 21.9237, 19.2085, 19.3817

Background



This preview shows how black text looks on a background with the XYZ color 21.9237, 19.2085, 19.3817.



This preview shows how white text looks on a background with the XYZ color 21.9237, 19.2085,

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

21.9237, 19.2085, 19.3817

Protanopia

18.5809, 19.3158, 21.4879

Deuteranopia

19.6670, 19.2178, 19.1958



Tritanopia

21.9828, 19.2322, 19.6931

Trichromacy



Original Color

21.9237, 19.2085, 19.3817

Protanomaly

19.6440, 19.1714, 20.7543

Deuteranomaly

20.3250, 19.0464, 19.1281

Tritanomaly

21.9828, 19.2322, 19.6931

Monochromacy



Original Color

21.9237, 19.2085, 19.3817

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.0397, 19.7250, 20.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9237, 19.2085, 19.3817 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(153, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 117)  
}
```

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(153, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 117) }
```

Border

The CSS property to change the border of an element to XYZ 21.9237, 19.2085, 19.3817 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(153, 110, 117) }
```


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

```
.border{ border-color:rgb(153, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 110, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 110, 117); box-shadow:4px 4px 4px 4px rgb(153, 110, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9237, 19.2085, 19.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 117) }
```

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

```
.background{ background-color: rgb(153,  
110, 117) }
```

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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