

Converting Colors

XYZ(21.6432, 19.2873, 17.3698)

Have a look what the booklet for
XYZ(21.6432, 19.2873, 17.3698)
contains.

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Color

**XYZ(21.6358, 19.2670,
17.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	996F6E
RGB	153, 111, 110
RGB Percent	60%, 44%, 43%
CMY	0.4000, 0.5647, 0.5686
CMYK	0.00, 0.27, 0.28, 0.40
HSL	1°, 17%, 52%
HSV	1°, 28%, 60%
XYZ	21.6358, 19.2670, 17.3304
YIQ	123.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

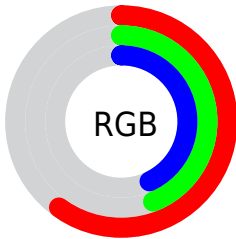
Format	Color
R _Y B	153, 111, 110
Decimal	10055534
CIE Lab	51.00, 16.51, 7.13
CIE LCh	51, 17.979, 23.352
Yxy	19.2670, 0.3715, 0.3309
Android (android.graphics.Color)	4288245614 (0xFF996F6E)
YUV	123.4440, -6.6279, 25.9206
Hunter-Lab	43.8942, 11.1693, 7.3169

Details

The XYZ color **21.6358, 19.2670, 17.3304** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4080, 28.0705, 34.3215**, and the grayscale version is **18.9893, 19.9782, 21.7563**.

A 20% lighter version of the original color is **45.6312, 42.2129, 39.9253**, and **8.0415, 6.6806, 5.5683** is the 20% darker color. If you saturate the color by 10%, you get **19.3773, 15.9700, 12.8165**, and if you desaturate by 10%, it is **24.3119, 23.1689, 22.6936**.

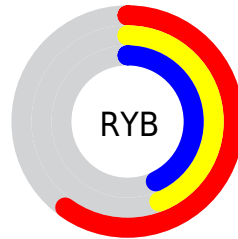
Distribution



Red (60%)

Green (44%)

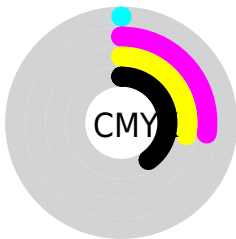
Blue (43%)



Red (60%)

Yellow (44%)

Blue (43%)

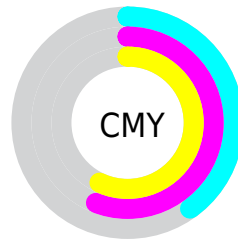


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6358, 19.2670, 17.3304 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 21.6358, 19.2670, 17.3304 by changing the saturation by 10% instead.

■ 21.6358, 19.2670,
17.3304

■ 21.6358, 19.2670,
17.3304

253.3067,
247.9188, 249.1773

■ 13.7046, 11.8634,
10.3059

■ 45.6267, 42.1848,
39.6914

■ 7.9958, 6.6507,
5.4940

■ 62.4171, 58.4677,
55.8649

■ 4.1441, 3.2446,
2.4762

■ 82.8913, 78.4792,
75.9253

■ 1.7840, 1.2607,
0.8275

■ 107.4146,
102.6036, 100.2909

■ 0.5080, 0.1105,
0.0000

136.3525,
131.2254, 129.3804

■ 0.0000, 0.0000,
0.0000

170.0702,

164.7290, 163.6123

208.9331,
203.4986, 203.4051

■ 21.6358, 19.2670,
17.3304

■ 21.6358, 19.2670,
17.3304

■ 19.3773, 15.9700,
12.8165

■ 24.3119, 23.1689,
22.6936

■ 17.5140, 13.2451,
9.1073

■ 27.4237, 27.7009,
28.9453

■ 16.0237, 11.0605,
6.1559

■ 30.9898, 32.8903,
36.1236

■ 14.8811, 9.3804,
3.9100

■ 35.0274, 38.7616,
44.2641

■ 14.0582, 8.1643,
2.3108

■ 39.5530, 45.3385,
53.4006

■ 13.5223, 7.3658,
1.2899

■ 44.5820, 52.6432,
63.5650

■ 13.2223, 6.9177,
0.7216

■ 50.1293, 60.6971,
74.7881

■ 13.1757, 6.8498,
0.6277

■ 56.2091, 69.5207,
87.0992

■ 62.8351, 79.1336,
100.5265

Harmonies

Analogous

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



21.9245, 19.2670, 22.1332



21.6358, 19.2670, 17.3304



20.4311, 19.2670, 14.0599

Triad

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



21.6358, 19.2670, 17.3304



15.7033, 19.2670, 15.6578



17.9196, 19.2670, 32.2899

Complementary

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



21.6358, 19.2670, 17.3304



23.4080, 28.0705, 34.3215

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.



16.3460, 19.2670, 29.8599



21.6358, 19.2670, 17.3304



15.1211, 19.2670, 19.8647

Square

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



21.6358, 19.2670, 17.3304



16.9902, 19.2670, 13.2091



15.3486, 19.2670, 25.1056



19.7022, 19.2670, 31.3181

Rectangle

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



21.6358, 19.2670, 17.3304



19.3102, 19.2670, 12.9234



15.3486, 19.2670, 25.1056



17.3502, 19.2670, 31.8325

Sweetspot

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



21.6363, 19.2679, 17.3308



49.0803, 49.5622, 51.7728



24.4037, 20.2007, 32.4406



10.6534, 10.6759, 11.0619



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.



21.6363, 19.2679, 17.3308



36.0093, 30.5091, 25.5612



24.2322, 24.4596, 18.1961



6.2198, 6.2446, 6.4834



10.8929, 5.6682, 0.5200



0.1655, 0.0901, 0.0087

Inverse Universe

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



23.4080, 28.0705, 34.3215



39.7392, 49.0450, 61.3441



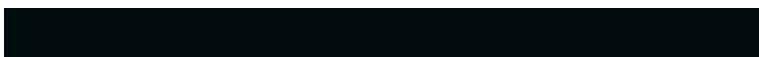
20.2676, 21.7896, 33.2747



6.3722, 7.0018, 7.9446



13.6946, 19.7858, 28.0050



0.2081, 0.3025, 0.4198

Previews

White Background



This preview shows how the XYZ color 21.6358, 19.2670, 17.3304 looks on a white background.

Color Contrast Check

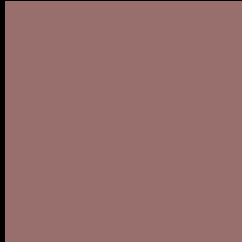
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6358, 19.2670, 17.3304 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 21.6358, 19.2670, 17.3304

Background



This preview shows how black text looks on a background with the XYZ color 21.6358, 19.2670, 17.3304.



This preview shows how white text looks on a background with the XYZ color 21.6358, 19.2670,

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

21.6358, 19.2670, 17.3304

Protanopia

18.3893, 19.2725, 18.9704

Deuteranopia

19.6028, 19.2300, 17.1466



Tritanopia

22.1724, 19.3299, 19.7020

Trichromacy



Original Color

21.6358, 19.2670, 17.3304

Protanomaly

19.3336, 19.0657, 18.2838

Deuteranomaly

20.2187, 19.2052, 17.1093

Tritanomaly

21.9969, 19.2597, 18.7778

Monochromacy



Original Color

21.6358, 19.2670, 17.3304

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6984, 19.5700, 19.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6358, 19.2670, 17.3304 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, 111, 110)` looks like.

```
.text, #text, p{  
    color:rgb(153, 111, 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(153, 111, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 111, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.6358, 19.2670, 17.3304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

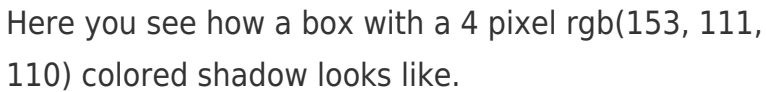
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 111, 110) }
```


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

```
.border{ border-color:rgb(153, 111, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 111, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 111, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 111, 110); box-shadow:4px 4px 4px 4px rgb(153, 111, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6358, 19.2670, 17.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 111, 110) }
```

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

```
.background{ background-color: rgb(153,  
111, 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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