

Converting Colors

XYZ(20.3958, 19.6449, 16.9042)

Have a look what the booklet for
XYZ(20.3958, 19.6449, 16.9042)
contains.

XYZ(20.3958, 19.6449, 16.9042)	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(20.3958, 19.6449,
16.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	8F756C
RGB	143, 117, 108
RGB Percent	56%, 46%, 42%
CMY	0.4392, 0.5412, 0.5765
CMYK	0.00, 0.18, 0.24, 0.44
HSL	15°, 14%, 49%
HSV	15°, 24%, 56%
XYZ	20.3958, 19.6449, 16.9042
YIQ	123.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

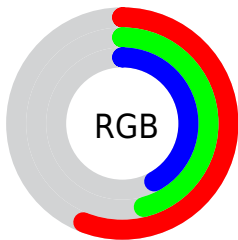
Format	Color
RYB	143, 120, 108
Decimal	9401708
CIELab	51.43, 8.68, 8.77
CIELCh	51, 12.343, 45.294
Yxy	19.6449, 0.3582, 0.3450
Android (android.graphics.Color)	4287591788 (0xFF8F756C)
YUV	123.7480, -7.7638, 16.8840
Hunter-Lab	44.3226, 4.5754, 8.4132

Details

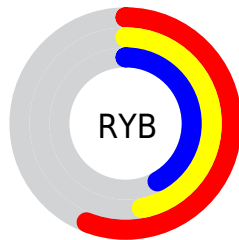
The XYZ color **20.3958, 19.6449, 16.9042** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6673, 22.2211, 29.2394**, and the grayscale version is **19.0955, 20.0899, 21.8779**.

A 20% lighter version of the original color is **43.4719, 42.7495, 38.7611**, and **7.3841, 6.8685, 5.3514** is the 20% darker color. If you saturate the color by 10%, you get **18.5282, 17.0294, 12.8299**, and if you desaturate by 10%, it is **22.5297, 22.5931, 21.6837**.

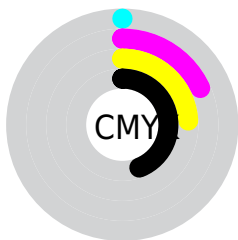
Distribution



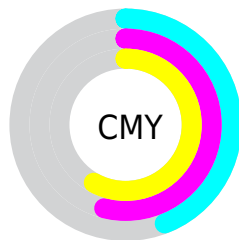
- Red (56%)
- Green (46%)
- Blue (42%)



- Red (56%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (44%)





- Cyan (44%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.3958, 19.6449, 16.9042 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 20.3958, 19.6449, 16.9042 by changing the saturation by 10% instead.


 20.3958, 19.6449,
16.9042

 20.3958, 19.6449,
16.9042


246.8428,
249.9862, 246.6449


 12.7930, 12.1372,
10.0050

 43.5787, 42.8210,
38.9494

 7.3622, 6.8372,
5.2966


 59.8895, 59.2582,
54.9324

 3.7380, 3.3605,
2.3606

 79.8337, 79.4407,
74.7805

 1.5550, 1.3227,
0.7648

 103.7766,
103.7529, 98.9121

 0.3628, 0.1587,
0.0000

132.0836,
132.5791, 127.7458

 0.0000, 0.0000,
0.0000

165.1201,

166.3038, 161.7002

203.2513,
205.3114, 201.1937

■ 20.3958, 19.6449,
16.9042

■ 20.3958, 19.6449,
16.9042

■ 18.5282, 17.0294,
12.8299

■ 22.5297, 22.5931,
21.6837

■ 16.9147, 14.7320,
9.4259

■ 24.9386, 25.8824,
27.1985

■ 15.5442, 12.7412,
6.6564

■ 27.6324, 29.5243,
33.4784

■ 14.4043, 11.0437,
4.4814

■ 30.6204, 33.5291,
40.5513

■ 13.4814, 9.6250,
2.8567

■ 33.9112, 37.9064,
48.4435

■ 12.7601, 8.4695,
1.7315

■ 37.5131, 42.6657,
57.1802

■ 12.2223, 7.5595,
1.0418

■ 41.4341, 47.8161,
66.7855

■ 11.9826, 7.1493,
0.7484

■ 45.6820, 53.3661,
77.2827

■ 50.2641, 59.3243,
88.6939

Harmonies

Analogous

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



21.0617, 19.6449, 19.6429



20.3958, 19.6449, 16.9042



19.2823, 19.6449, 15.4540

Triad

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



20.3958, 19.6449, 16.9042



16.4642, 19.6449, 19.7066



19.3064, 19.6449, 28.6573

Complementary

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



20.3958, 19.6449, 16.9042



19.6673, 22.2211, 29.2394

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.



18.0745, 19.6449, 28.6793



20.3958, 19.6449, 16.9042



16.4700, 19.6449, 23.2377

Square

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



20.3958, 19.6449, 16.9042



17.0317, 19.6449, 16.9464



17.0480, 19.6449, 26.6064



20.4141, 19.6449, 26.5494

Rectangle

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



20.3958, 19.6449, 16.9042



18.4533, 19.6449, 15.2982



17.0480, 19.6449, 26.6064



18.8922, 19.6449, 28.9160

Sweetspot

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



20.3963, 19.6458, 16.9046



43.4584, 44.7154, 45.9362



21.0111, 18.2932, 25.0696



9.9154, 10.1853, 10.4178



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.



20.3963, 19.6458, 16.9046



34.7493, 32.7022, 26.3702



22.5944, 24.0420, 17.6373



5.5147, 5.6356, 5.6865



10.6099, 6.3515, 0.6668



0.1171, 0.0921, 0.0116

Inverse Universe

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



19.6673, 22.2211, 29.2394



33.2236, 38.0764, 52.1364



17.4747, 17.8360, 28.5086



5.4445, 5.8847, 6.8777



8.9782, 10.9423, 24.6160



0.1036, 0.1401, 0.2413

Previews

White Background



This preview shows how the XYZ color 20.3958, 19.6449, 16.9042 looks on a white background.

Color Contrast Check

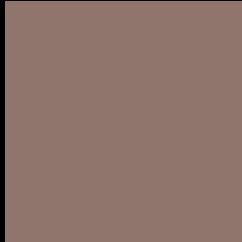
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3958, 19.6449, 16.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

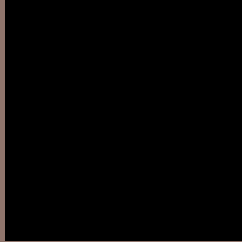
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3958, 19.6449, 16.9042

Background



This preview shows how black text looks on a background with the XYZ color 20.3958, 19.6449, 16.9042.

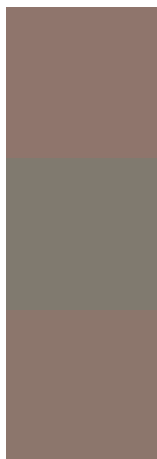


This preview shows how white text looks on a background with the XYZ color 20.3958, 19.6449,

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

20.3958, 19.6449, 16.9042

Protanopia

18.7309, 19.6560, 17.8457

Deuteranopia

20.0004, 19.6150, 16.9193



Tritanopia

21.4459, 19.7364, 21.7480

Trichromacy



Original Color

20.3958, 19.6449, 16.9042

Protanomaly

19.2038, 19.5453, 17.5123

Deuteranomaly

20.1697, 19.7023, 16.9272

Tritanomaly

21.0170, 19.7281, 19.8397

Monochromacy



Original Color

20.3958, 19.6449, 16.9042

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4675, 19.8080, 19.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3958, 19.6449, 16.9042 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(143, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 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(143, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.3958, 19.6449, 16.9042 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(143, 117, 108) }
```


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

```
.border{ border-color:rgb(143, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3958, 19.6449, 16.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 108) }
```

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

```
.background{ background-color: rgb(143,  
117, 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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