

Converting Colors

XYZ(22.0915, 19.4081, 17.4910)

Have a look what the booklet for
XYZ(22.0915, 19.4081, 17.4910)
contains.

XYZ(22.1555, 19.3675, 17.6095)	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(22.1555, 19.3675,
17.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6E6F
RGB	156, 110, 111
RGB Percent	61%, 43%, 44%
CMY	0.3882, 0.5686, 0.5647
CMYK	0.00, 0.29, 0.29, 0.39
HSL	359°, 19%, 52%
HSV	359°, 29%, 61%
XYZ	22.1555, 19.3675, 17.6095
YIQ	123.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

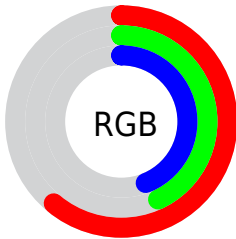
Format	Color
R_{YB}	156, 110, 111
Decimal	10251887
CIE _{Lab}	51.11, 18.43, 6.75
CIE _{LCh}	51, 19.627, 20.110
Yxy	19.3675, 0.3747, 0.3275
Android (android.graphics.Color)	4288441967 (0xFF9C6E6F)
YUV	123.8680, -6.3439, 28.1798
Hunter-Lab	44.0085, 12.8485, 7.0818

Details

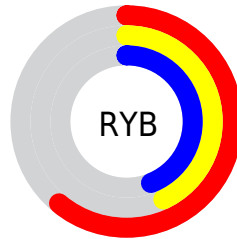
The XYZ color **22.1555, 19.3675, 17.6095** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2361, 29.4590, 35.4207**, and the grayscale version is **19.1288, 20.1250, 21.9161**.

A 20% lighter version of the original color is **46.3952, 42.3339, 40.3763**, and **8.2133, 6.6877, 5.5606** is the 20% darker color. If you saturate the color by 10%, you get **19.8484, 15.9851, 13.0427**, and if you desaturate by 10%, it is **24.9036, 23.4018, 23.0321**.

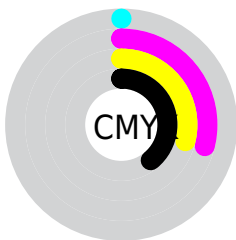
Distribution



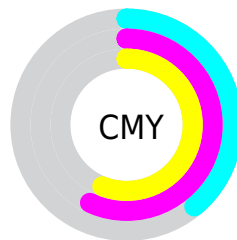
- Red (61%)
- Green (43%)
- Blue (44%)



- Red (61%)
- Yellow (43%)
- Blue (44%)



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



- Cyan (39%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1555, 19.3675, 17.6095 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 22.1555, 19.3675, 17.6095 by changing the saturation by 10% instead.

■ 22.1555, 19.3675,
17.6095

■ 22.1555, 19.3675,
17.6095

255.9744,
248.4701, 250.8224

■ 14.0884, 11.9361,
10.5035

■ 46.4798, 42.3542,
40.1757

■ 8.2643, 6.7002,
5.6241

■ 63.4678, 58.6783,
56.4729

■ 4.3178, 3.2753,
2.5528

■ 84.1601, 78.7354,
76.6710

■ 1.8834, 1.2771,
0.8679

■ 108.9221,
102.9099, 101.1884

■ 0.5672, 0.1234,
0.0000

138.1192,
131.5862, 130.4437

■ 0.0000, 0.0000,
0.0000

172.1167,

165.1488, 164.8555

211.2800,
203.9820, 204.8422

■ 22.1555, 19.3675,
17.6095

■ 22.1555, 19.3675,
17.6095

■ 19.8484, 15.9851,
13.0427

■ 24.9036, 23.4018,
23.0321

■ 17.9579, 13.2179,
9.2870

■ 28.1122, 28.1167,
29.3499

■ 16.4596, 11.0298,
6.2952


■ 31.8018, 33.5427,
36.6012


■ 15.3259, 9.3795,
4.0149


■ 35.9910, 39.7075,
44.8217


■ 14.5258, 8.2207,
2.3873


■ 40.6974, 46.6374,
54.0453


 14.0229, 7.4991,
1.3439

 45.9379, 54.3573,
64.3041

 13.7419, 7.0945,
0.7648

 51.7285, 62.8910,
75.6291

 13.7289, 7.0754,
0.7392

 58.0845, 72.2614,
88.0497

 65.0208, 82.4904,
101.5943

Harmonies

Analogous

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



22.3515, 19.3675, 22.9852



22.1555, 19.3675, 17.6095



20.9172, 19.3675, 13.8797

Triad

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



22.1555, 19.3675, 17.6095



15.6805, 19.3675, 14.9277



17.7722, 19.3675, 33.5237

Complementary

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



22.1555, 19.3675, 17.6095



24.2361, 29.4590, 35.4207

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.



16.1084, 19.3675, 30.4392



22.1555, 19.3675, 17.6095



14.9583, 19.3675, 19.2980

Square

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



22.1555, 19.3675, 17.6095



17.1498, 19.3675, 12.5313



15.1093, 19.3675, 24.9966



19.7267, 19.3675, 32.8543

Rectangle

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



22.1555, 19.3675, 17.6095



19.7126, 19.3675, 12.5213



15.1093, 19.3675, 24.9966



17.1627, 19.3675, 32.8733

Sweetspot

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



22.1560, 19.3684, 17.6099



51.2519, 51.3505, 53.6858



24.9927, 20.4690, 34.0863



11.0911, 11.0251, 11.4463



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.



22.1560, 19.3684, 17.6099



37.5481, 31.2284, 26.6568



24.7045, 24.5527, 18.1901



6.6386, 6.6484, 6.9480



11.3100, 5.8286, 0.6178



0.2037, 0.1048, 0.0190

Inverse Universe

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



22.1560, 19.3684, 17.6099



37.5481, 31.2284, 26.6568



21.0310, 22.9142, 34.7670



6.6386, 6.6484, 6.9480



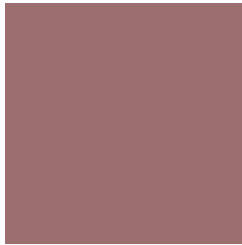
11.3100, 5.8286, 0.6178



0.2037, 0.1048, 0.0190

Previews

White Background



This preview shows how the XYZ color 22.1555, 19.3675, 17.6095 looks on a white background.

Color Contrast Check

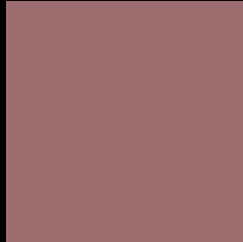
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1555, 19.3675, 17.6095 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 22.1555, 19.3675, 17.6095

Background



This preview shows how black text looks on a background with the XYZ color 22.1555, 19.3675, 17.6095.



This preview shows how white text looks on a background with the XYZ color 22.1555, 19.3675,

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

22.1555, 19.3675, 17.6095

Protanopia

18.6279, 19.5634, 19.6239

Deuteranopia

19.7741, 19.4859, 17.4708



Tritanopia

22.5842, 19.3897, 19.3819

Trichromacy



Original Color

22.1555, 19.3675, 17.6095

Protanomaly

19.7263, 19.4289, 18.9301

Deuteranomaly

20.6223, 19.4070, 17.4109

Tritanomaly

22.4678, 19.3432, 18.7691

Monochromacy



Original Color

22.1555, 19.3675, 17.6095

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.0799, 19.7598, 20.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1555, 19.3675, 17.6095 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, 110, 111)` looks like.

```
.text, #text, p{  
    color:rgb(156, 110, 111)  
}
```

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, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 110, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.1555, 19.3675, 17.6095 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, 110, 111) }
```


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

```
.border{ border-color:rgb(156, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(156, 110,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1555, 19.3675, 17.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 110, 111) }
```

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

```
.background{ background-color: rgb(156,  
110, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor