

Converting Colors

XYZ(22.5220, 19.4071, 17.4768)

Have a look what the booklet for
XYZ(22.5220, 19.4071, 17.4768)
contains.

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Color

**XYZ(22.6360, 19.4559,
17.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6D6F
RGB	159, 109, 111
RGB Percent	62%, 43%, 44%
CMY	0.3765, 0.5725, 0.5647
CMYK	0.00, 0.31, 0.30, 0.38
HSL	358°, 21%, 53%
HSV	358°, 31%, 62%
XYZ	22.6360, 19.4559, 17.6012
YIQ	124.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

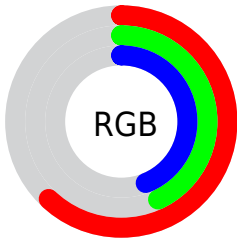
Format	Color
R_{YB}	159, 109, 111
Decimal	10448239
CIE _{Lab}	51.22, 20.20, 6.94
CIE _{LCh}	51, 21.359, 18.964
Yxy	19.4559, 0.3792, 0.3259
Android (android.graphics.Color)	4288638319 (0xFF9F6D6F)
YUV	124.1780, -6.4968, 30.5389
Hunter-Lab	44.1088, 14.4131, 7.2171

Details

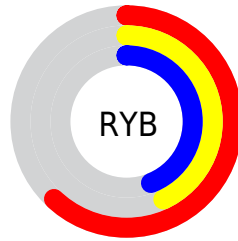
The XYZ color **22.6360, 19.4559, 17.6012** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7915, 30.4824, 36.4770**, and the grayscale version is **19.2322, 20.2337, 22.0345**.

A 20% lighter version of the original color is **47.3801, 42.5812, 40.3721**, and **8.5098, 6.7605, 5.5590** is the 20% darker color. If you saturate the color by 10%, you get **20.3208, 16.0576, 13.0310**, and if you desaturate by 10%, it is **25.4027, 23.5272, 23.0310**.

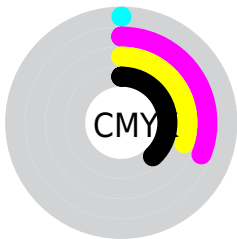
Distribution



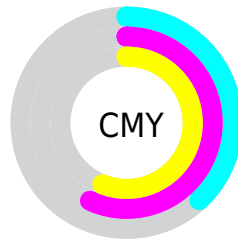
- Red (62%)
- Green (43%)
- Blue (44%)



- Red (62%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (38%)





- Cyan (38%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.6360, 19.4559, 17.6012 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 22.6360, 19.4559, 17.6012 by changing the saturation by 10% instead.


 22.6360, 19.4559,
17.6012


 22.6360, 19.4559,
17.6012

258.4203,
248.9542, 250.7737


 14.4442, 12.0002,
10.4976


 47.2660, 42.5031,
40.1613


 8.5140, 6.7438,
5.6202


 64.4349, 58.8633,
56.4549

 4.4801, 3.3024,
2.5505

 85.3269, 78.9604,
76.6489

 1.9772, 1.2916,
0.8667

 110.3073,
103.1789, 101.1618

 0.6211, 0.1347,
0.0000

139.7415,
131.9031, 130.4122

 0.0000, 0.0000,
0.0000

173.9948,

165.5175, 164.8186

213.4326,
204.4064, 204.7996

■ 22.6360, 19.4559,
17.6012

■ 22.6360, 19.4559,
17.6012

■ 20.3208, 16.0576,
13.0310

■ 25.4027, 23.5272,
23.0310

■ 18.4318, 13.2935,
9.2753

■ 28.6415, 28.3019,
29.3601

■ 16.9433, 11.1250,
6.2866


■ 32.3735, 33.8123,
36.6271


■ 15.8265, 9.5085,
4.0121


■ 36.6182, 40.0874,
44.8681


■ 15.0486, 8.3940,
2.3920


■ 41.3939, 47.1551,
54.1170

 14.5710, 7.7229,
1.3573

 46.7181, 55.0415,
64.4065

 14.3330, 7.3849,
0.8523

 52.6074, 63.7717,
75.7674

 59.0778, 73.3698,
88.2296

 66.1447, 83.8587,
101.8216

Harmonies

Analogous

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



22.8039, 19.4559, 23.5063



22.6360, 19.4559, 17.6012



21.3094, 19.4559, 13.5205

Triad

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



22.6360, 19.4559, 17.6012



15.5757, 19.4559, 14.3872



17.7204, 19.4559, 34.8855

Complementary

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



22.6360, 19.4559, 17.6012



24.7915, 30.4824, 36.4770

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.



15.9350, 19.4559, 31.3043



22.6360, 19.4559, 17.6012



14.7615, 19.4559, 19.0202

Square

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



22.6360, 19.4559, 17.6012



17.1948, 19.4559, 11.9256



14.8878, 19.4559, 25.2231



19.8534, 19.4559, 34.3042

Rectangle

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



22.6360, 19.4559, 17.6012



19.9995, 19.4559, 12.0246



14.8878, 19.4559, 25.2231



17.0627, 19.4559, 34.1049

Sweetspot

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



22.6365, 19.4568, 17.6016



52.7344, 52.8115, 55.3894



25.5345, 20.5593, 35.4237



11.6901, 11.6128, 12.0998



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.6365, 19.4568, 17.6016



37.4437, 30.2989, 25.4171



25.2427, 24.8431, 17.9339



6.6433, 6.6502, 6.9725



11.3243, 5.8343, 0.6930



0.2053, 0.1054, 0.0271

Inverse Universe

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



22.6365, 19.4568, 17.6016



37.4437, 30.2989, 25.4171



21.4403, 23.5048, 36.2080



6.6433, 6.6502, 6.9725



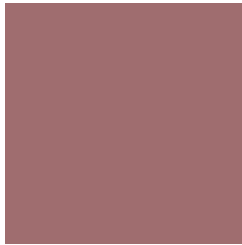
11.3243, 5.8343, 0.6930



0.2053, 0.1054, 0.0271

Previews

White Background



This preview shows how the XYZ color 22.6360, 19.4559, 17.6012 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 22.6360, 19.4559, 17.6012 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 22.6360, 19.4559, 17.6012

Background



This preview shows how black text looks on a background with the XYZ color 22.6360, 19.4559, 17.6012.



This preview shows how white text looks on a background with the XYZ color 22.6360, 19.4559,

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

22.6360, 19.4559, 17.6012

Protanopia

18.8337, 19.6627, 19.9422

Deuteranopia

19.8862, 19.5500, 17.1934



Tritanopia

23.0122, 19.4597, 19.0662

Trichromacy



Original Color

22.6360, 19.4559, 17.6012

Protanomaly

19.9370, 19.3637, 18.9064

Deuteranomaly

20.7993, 19.4982, 17.4191

Tritanomaly

22.8970, 19.4136, 18.4600

Monochromacy



Original Color

22.6360, 19.4559, 17.6012

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.2431, 19.8439, 20.2161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6360, 19.4559, 17.6012 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(159, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 109, 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(159, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 109, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.6360, 19.4559, 17.6012 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(159, 109, 111) }
```


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

```
.border{ border-color:rgb(159, 109, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 109, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 109,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6360, 19.4559, 17.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 109, 111) }
```

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

```
.background{ background-color: rgb(159,  
109, 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](#).

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