

Converting Colors

XYZ(22.2905, 17.6130, 20.0419)

Have a look what the booklet for
XYZ(22.2905, 17.6130, 20.0419)
contains.

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Color

**XYZ(22.2551, 17.5650,
19.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	A06278
RGB	160, 98, 120
RGB Percent	63%, 38%, 47%
CMY	0.3725, 0.6157, 0.5294
CMYK	0.00, 0.39, 0.25, 0.37
HSL	339°, 25%, 51%
HSV	339°, 39%, 63%
XYZ	22.2551, 17.5650, 19.9867
YIQ	119.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

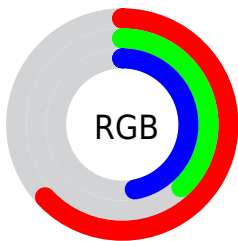
Format	Color
R_{YB}	160, 98, 120
Decimal	10510968
CIE _{Lab}	48.96, 28.16, -1.66
CIE _{LCh}	49, 28.208, 356.632
Yxy	17.5650, 0.3721, 0.2937
Android (android.graphics.Color)	4288701048 (0xFFA06278)
YUV	119.0460, 0.4703, 35.9167
Hunter-Lab	41.9106, 21.4423, 1.0627

Details

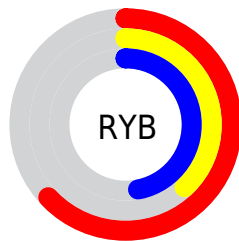
The XYZ color **22.2551, 17.5650, 19.9867** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1961, 29.5738, 28.5847**, and the grayscale version is **17.5415, 18.4550, 20.0975**.

A 20% lighter version of the original color is **46.6716, 39.3902, 44.1729**, and **8.3737, 5.8749, 6.8235** is the 20% darker color. If you saturate the color by 10%, you get **20.3119, 14.6276, 16.4128**, and if you desaturate by 10%, it is **24.5661, 21.1296, 24.0169**.

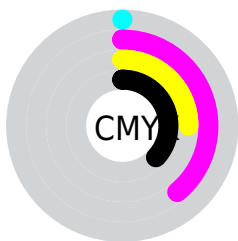
Distribution



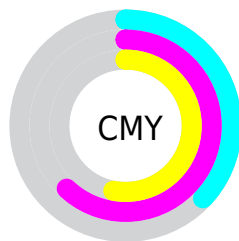
- Red (63%)
- Green (38%)
- Blue (47%)



- Red (63%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2551, 17.5650, 19.9867 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 22.2551, 17.5650, 19.9867 by changing the saturation by 10% instead.

■ 22.2551, 17.5650,
19.9867

■ 22.2551, 17.5650,
19.9867

256.4830,
238.4076, 264.4450

■ 14.1621, 10.6381,
12.2014

■ 46.6430, 39.2947,
44.2536

■ 8.3160, 5.8241,
6.7568

■ 63.6686, 54.8663,
61.5722

■ 4.3513, 2.7384,
3.2343

■ 84.4024, 74.0883,
82.9057

■ 1.9027, 0.9967,
1.2155

■ 109.2099, 97.3450,
108.6726

■ 0.5784, 0.0000,
0.0000

138.4563,
125.0209, 139.2914

■ 0.0000, 0.0000,
0.0000

172.5071,

157.5004, 175.1807

211.7275,
195.1678, 216.7591

■ 22.2551, 17.5650,
19.9867

■ 22.2551, 17.5650,
19.9867

■ 20.3119, 14.6276,
16.4128

■ 24.5661, 21.1296,
24.0169

■ 18.7149, 12.2782,
13.2769

■ 27.2620, 25.3526,
28.5185

■ 17.4426, 10.4770,
10.5610


■ 30.3604, 30.2661,
33.5072


■ 16.4701, 9.1782,
8.2450


■ 33.8773, 35.8994,
38.9977


■ 15.7689, 8.3285,
6.3070


■ 37.8282, 42.2800,
45.0040


 15.2844, 7.8233,
4.7157

 42.2274, 49.4341,
51.5394

 15.2301, 7.7668,
4.5372

 47.0886, 57.3865,
58.6169

 52.4251, 66.1609,
66.2489

 58.2495, 75.7801,
74.4474

Harmonies

Analogous

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



21.2731, 17.5650, 28.2243



22.2551, 17.5650, 19.9867



21.6233, 17.5650, 13.3518

Triad

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



22.2551, 17.5650, 19.9867



14.5339, 17.5650, 8.8984



14.0709, 17.5650, 33.9090

Complementary

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



22.2551, 17.5650, 19.9867



22.1961, 29.5738, 28.5847

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.



12.5789, 17.5650, 26.3612



22.2551, 17.5650, 19.9867



12.8259, 17.5650, 12.2280

Square

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



22.2551, 17.5650, 19.9867



16.9931, 17.5650, 8.0233



12.1479, 17.5650, 18.2890



16.4004, 17.5650, 37.4801

Rectangle

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



22.2551, 17.5650, 19.9867



20.4047, 17.5650, 10.4268



12.1479, 17.5650, 18.2890



13.4646, 17.5650, 31.6700

Sweetspot

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



22.2556, 17.5658, 19.9870



53.0806, 51.7005, 57.5814



21.0739, 16.6153, 35.3544



11.4922, 11.1019, 12.3890



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.



22.2556, 17.5658, 19.9870



37.4880, 27.4689, 30.9469



21.8841, 18.7194, 14.0160



6.7254, 6.6831, 7.4052



11.8833, 6.0579, 3.6365



0.2317, 0.1160, 0.1661

Inverse Universe

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



22.2556, 17.5658, 19.9870



37.4880, 27.4689, 30.9469



22.5678, 27.5053, 37.3776



6.7254, 6.6831, 7.4052



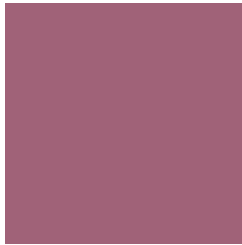
11.8833, 6.0579, 3.6365



0.2317, 0.1160, 0.1661

Previews

White Background



This preview shows how the XYZ color 22.2551, 17.5650, 19.9867 looks on a white background.

Color Contrast Check

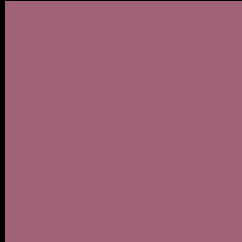
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.2551, 17.5650, 19.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

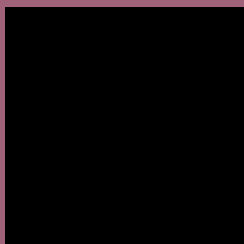
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2551, 17.5650, 19.9867

Background



This preview shows how black text looks on a background with the XYZ color 22.2551, 17.5650, 19.9867.



This preview shows how white text looks on a background with the XYZ color 22.2551, 17.5650,

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

22.2551, 17.5650, 19.9867

Protanopia

17.4124, 17.7743, 23.9858

Deuteranopia

18.0181, 17.6838, 19.2933



Tritanopia

21.5620, 17.5680, 16.4419

Trichromacy



Original Color

22.2551, 17.5650, 19.9867

Protanomaly

18.6595, 17.2949, 22.4335

Deuteranomaly

19.4478, 17.6086, 19.5133

Tritanomaly

21.6845, 17.4645, 17.5573

Monochromacy



Original Color

22.2551, 17.5650, 19.9867

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8457, 17.7691, 19.8893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2551, 17.5650, 19.9867 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(160, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(160, 98, 120)  
}
```

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(160, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 98, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.2551, 17.5650, 19.9867 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(160, 98, 120) }
```


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

```
.border{ border-color:rgb(160, 98, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 98, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 98, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 98, 120);  
box-shadow:4px 4px 4px 4px rgb(160, 98,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2551, 17.5650, 19.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 98, 120) }
```

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

```
.background{ background-color: rgb(160, 98,  
120) }
```

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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