

Converting Colors

XYZ(22.2603, 17.9338, 22.7104)

Have a look what the booklet for
XYZ(22.2603, 17.9338, 22.7104)
contains.

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Color

**XYZ(22.2603, 17.9338,
22.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6580
RGB	156, 101, 128
RGB Percent	61%, 40%, 50%
CMY	0.3882, 0.6039, 0.4980
CMYK	0.00, 0.35, 0.18, 0.39
HSL	331°, 22%, 50%
HSV	331°, 35%, 61%
XYZ	22.2603, 17.9338, 22.7104
YIQ	120.5230, 24.1130, 20.0570

Conversions

Conversions Part 2

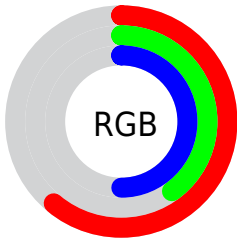
Format	Color
RYB	156, 101, 128
Decimal	10249600
CIELab	49.42, 26.24, -5.82
CIELCh	49, 26.875, 347.486
Yxy	17.9338, 0.3539, 0.2851
Android (android.graphics.Color)	4288439680 (0xFF9C6580)
YUV	120.5230, 3.6862, 31.1133
Hunter-Lab	42.3483, 19.7186, -2.1520

Details

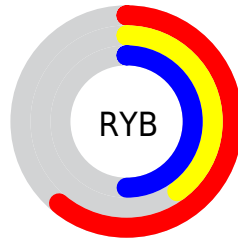
The XYZ color **22.2603, 17.9338, 22.7104** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2186, 28.1292, 25.0814**, and the grayscale version is **18.0038, 18.9414, 20.6272**.

A 20% lighter version of the original color is **46.5957, 39.9675, 48.9747**, and **8.2779, 5.9943, 8.1179** is the 20% darker color. If you saturate the color by 10%, you get **20.3845, 14.9862, 19.6061**, and if you desaturate by 10%, it is **24.4656, 21.4744, 26.1268**.

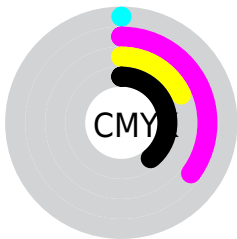
Distribution



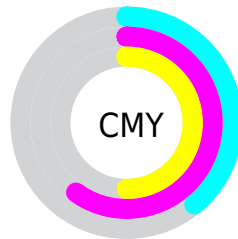
- Red (61%)
- Green (40%)
- Blue (50%)



- Red (61%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2603, 17.9338, 22.7104 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 22.2603, 17.9338, 22.7104 by changing the saturation by 10% instead.

■ 22.2603, 17.9338,
22.7104

■ 22.2603, 17.9338,
22.7104

256.5095,
240.4976, 279.3076

■ 14.1660, 10.9025,
14.1765

■ 46.6515, 39.9245,
48.8345

■ 8.3187, 6.0013,
8.1034

■ 63.6791, 55.6526,
67.2618

■ 4.3530, 2.8459,
4.0725

■ 84.4151, 75.0485,
89.8241

■ 1.9037, 1.0518,
1.6652

■ 109.2249, 98.4965,
116.9397

■ 0.5790, 0.0000,
0.3367

138.4739,
126.3810, 149.0274

■ 0.0000, 0.0000,
0.0000

172.5275,

159.0865, 186.5055

211.7509,
196.9972, 229.7928

■ 22.2603, 17.9338,
22.7104

■ 22.2603, 17.9338,
22.7104

■ 20.3845, 14.9862,
19.6061

■ 24.4656, 21.4744,
26.1268

■ 18.8194, 12.5962,
16.8026

■ 27.0147, 25.6360,
29.8640

■ 17.5466, 10.7283,
14.2890


■ 29.9230, 30.4477,
33.9317


■ 16.5450, 9.3419,
12.0534


■ 33.2046, 35.9362,
38.3386


■ 15.7904, 8.3903,
10.0827


■ 36.8725, 42.1263,
43.0932


 15.2516, 7.8130,
8.3610

 40.9393, 49.0420,
48.2037

 15.0351, 7.5979,
7.6173

 45.4170, 56.7060,
53.6778

 50.3171, 65.1398,
59.5232

 55.6504, 74.3643,
65.7471

Harmonies

Analogous

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



20.8966, 17.9338, 30.5605



22.2603, 17.9338, 22.7104



22.1298, 17.9338, 15.6258

Triad

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



22.2603, 17.9338, 22.7104



15.6226, 17.9338, 9.0096



13.9594, 17.9338, 31.7292

Complementary

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



22.2603, 17.9338, 22.7104



21.2186, 28.1292, 25.0814

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.



12.8065, 17.9338, 24.0285



22.2603, 17.9338, 22.7104



13.6993, 17.9338, 11.5312

Square

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



22.2603, 17.9338, 22.7104



18.1236, 17.9338, 8.8238



12.7163, 17.9338, 16.6557



16.0111, 17.9338, 36.5701

Rectangle

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



22.2603, 17.9338, 22.7104



21.2130, 17.9338, 12.2043



12.7163, 17.9338, 16.6557



13.4631, 17.9338, 29.3132

Sweetspot

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



22.2608, 17.9346, 22.7108



51.1181, 49.9446, 57.1501



19.6327, 16.3367, 33.5713



11.1072, 10.7571, 12.3768



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.



22.2608, 17.9346, 22.7108



37.7964, 28.4211, 36.9253



20.7136, 17.3158, 14.5635



6.7620, 6.6977, 7.5976



12.4017, 6.2652, 6.3662



0.2431, 0.1206, 0.2261

Inverse Universe

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



22.2608, 17.9346, 22.7108



37.7964, 28.4211, 36.9253



23.2567, 28.9444, 35.8139



6.7620, 6.6977, 7.5976



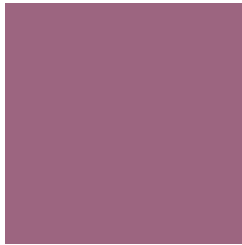
12.4017, 6.2652, 6.3662



0.2431, 0.1206, 0.2261

Previews

White Background



This preview shows how the XYZ color 22.2603, 17.9338, 22.7104 looks on a white background.

Color Contrast Check

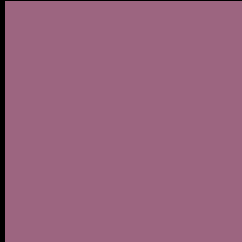
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2603, 17.9338, 22.7104 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 22.2603, 17.9338, 22.7104

Background



This preview shows how black text looks on a background with the XYZ color 22.2603, 17.9338, 22.7104.



This preview shows how white text looks on a background with the XYZ color 22.2603, 17.9338,

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

22.2603, 17.9338, 22.7104

Protanopia

17.8882, 18.1350, 26.6023

Deuteranopia

18.3874, 17.9766, 22.2394



Tritanopia

21.2014, 17.9405, 17.6747

Trichromacy



Original Color

22.2603, 17.9338, 22.7104

Protanomaly

19.0408, 17.7572, 24.9782

Deuteranomaly

19.6159, 17.7879, 22.4782

Tritanomaly

21.6378, 17.9771, 19.4690

Monochromacy



Original Color

22.2603, 17.9338, 22.7104

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.4869, 18.5582, 21.6238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2603, 17.9338, 22.7104 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, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(156, 101, 128)  
}
```

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, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 101, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.2603, 17.9338, 22.7104 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, 101, 128) }
```


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

```
.border{ border-color:rgb(156, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(156, 101,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2603, 17.9338, 22.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 101, 128) }
```

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

```
.background{ background-color: rgb(156,  
101, 128) }
```

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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