

Converting Colors

XYZ(22.6255, 20.9440, 20.7282)

Have a look what the booklet for
XYZ(22.6255, 20.9440, 20.7282)
contains.

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Color

**XYZ(22.6311, 20.8922,
20.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	977678
RGB	151, 118, 120
RGB Percent	59%, 46%, 47%
CMY	0.4078, 0.5372, 0.5294
CMYK	0.00, 0.22, 0.21, 0.41
HSL	356°, 14%, 53%
HSV	356°, 22%, 59%
XYZ	22.6311, 20.8922, 20.6091
YIQ	128.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

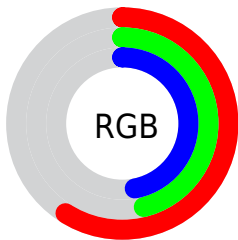
Format	Color
R_{YB}	151, 118, 120
Decimal	9926264
CIE _{Lab}	52.83, 13.22, 3.84
CIE _{LCh}	53, 13.764, 16.212
Yxy	20.8922, 0.3529, 0.3258
Android (android.graphics.Color)	4288116344 (0xFF977678)
YUV	128.0950, -3.9908, 20.0877
Hunter-Lab	45.7080, 8.3906, 5.2625

Details

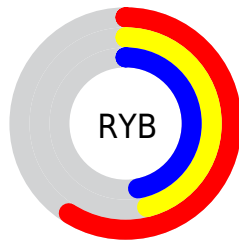
The XYZ color **22.6311, 20.8922, 20.6091** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9635, 28.1552, 32.6066**, and the grayscale version is **20.5600, 21.6307, 23.5558**.

A 20% lighter version of the original color is **47.2747, 44.8498, 45.1950**, and **8.5054, 7.5008, 7.1304** is the 20% darker color. If you saturate the color by 10%, you get **20.1952, 17.2974, 15.8596**, and if you desaturate by 10%, it is **25.4805, 25.1093, 26.1263**.

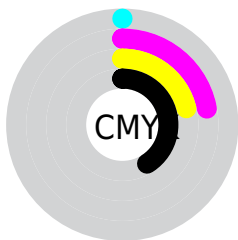
Distribution



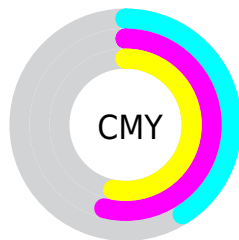
- Red (59%)
- Green (46%)
- Blue (47%)



- Red (59%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6311, 20.8922, 20.6091 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 22.6311, 20.8922, 20.6091 by changing the saturation by 10% instead.

■ 22.6311, 20.8922,
20.6091

■ 22.6311, 20.8922,
20.6091

258.3954,
256.7050, 267.9062

■ 14.4405, 13.0452,
12.6501

■ 47.2580, 44.9081,
45.3084

■ 8.5114, 7.4597,
7.0602

■ 64.4251, 61.8457,
62.8857

■ 4.4785, 3.7512,
3.4207

■ 85.3150, 82.5824,
84.5063

■ 1.9762, 1.5354,
1.3133

110.2932,
107.5025, 110.5886

■ 0.6206, 0.3134,
0.0726

139.7250,
136.9905, 141.5512

■ 0.0000, 0.0000,
0.0000

173.9757,

171.4306, 177.8127

213.4107,
211.2073, 219.7915

■ 22.6311, 20.8922,
20.6091

■ 22.6311, 20.8922,
20.6091

■ 20.1952, 17.2974,
15.8596

■ 25.4805, 25.1093,
26.1263

■ 18.1518, 14.2928,
11.8424

■ 28.7594, 29.9731,
32.4416

■ 16.4809, 11.8477,
8.5216


■ 32.4852, 35.5103,
39.5856


■ 15.1601, 9.9274,
5.8575


■ 36.6739, 41.7452,
47.5866


■ 14.1644, 8.4936,
3.8064


■ 41.3405, 48.7010,
56.4718


 13.4655, 7.5025,
2.3196


 46.4996, 56.3996,
66.2672

 13.0304, 6.9028,
1.3405

 52.1649, 64.8621,
76.9976

 12.8127, 6.5994,
0.8610

 58.3498, 74.1089,
88.6869

 65.0669, 84.1593,
101.3581

Harmonies

Analogous

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



22.6641, 20.8922, 24.6870



22.6311, 20.8922, 20.6091



21.8319, 20.8922, 17.4994

Triad

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



22.6311, 20.8922, 20.6091



17.9284, 20.8922, 17.6989



19.2060, 20.8922, 31.3331

Complementary

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



22.6311, 20.8922, 20.6091



23.9635, 28.1552, 32.6066

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.



18.0057, 20.8922, 28.9535



22.6311, 20.8922, 20.6091



17.2925, 20.8922, 20.9134

Square

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



22.6311, 20.8922, 20.6091



19.0958, 20.8922, 15.9630



17.3201, 20.8922, 25.0301



20.6390, 20.8922, 31.2259

Rectangle

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



22.6311, 20.8922, 20.6091



20.9931, 20.8922, 16.2471



17.3201, 20.8922, 25.0301



18.7634, 20.8922, 30.7862

Sweetspot

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



22.6317, 20.8932, 20.6095



48.3012, 48.9244, 51.9364



24.4229, 21.5629, 32.1532



10.9091, 11.0173, 11.6712



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.6317, 20.8932, 20.6095



38.4034, 34.2755, 32.7705



24.3251, 24.4721, 20.5822



6.2232, 6.2284, 6.5555



10.9039, 5.6158, 0.7530



0.1665, 0.0854, 0.0299

Inverse Universe

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



22.6317, 20.8932, 20.6095



38.4034, 34.2755, 32.7705



21.9610, 23.8929, 32.7327



6.2232, 6.2284, 6.5555



10.9039, 5.6158, 0.7530



0.1665, 0.0854, 0.0299

Previews

White Background



This preview shows how the XYZ color 22.6311, 20.8922, 20.6091 looks on a white background.

Color Contrast Check

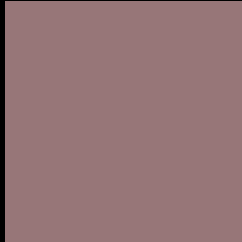
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6311, 20.8922, 20.6091 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 22.6311, 20.8922, 20.6091

Background



This preview shows how black text looks on a background with the XYZ color 22.6311, 20.8922, 20.6091.



This preview shows how white text looks on a background with the XYZ color 22.6311, 20.8922,

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

22.6311, 20.8922, 20.6091

Protanopia

20.1522, 21.0441, 22.0686

Deuteranopia

21.2738, 20.9137, 20.3683



Tritanopia

23.0761, 20.9043, 22.5574

Trichromacy



Original Color

22.6311, 20.8922, 20.6091

Protanomaly

20.9746, 20.9143, 21.6703

Deuteranomaly

21.8442, 21.0264, 20.3599

Tritanomaly

22.9483, 20.8532, 21.8844

Monochromacy



Original Color

22.6311, 20.8922, 20.6091

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.0627, 21.1302, 22.3705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6311, 20.8922, 20.6091 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(151, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 118, 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(151, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 118, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.6311, 20.8922, 20.6091 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(151, 118, 120) }
```


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

```
.border{ border-color:rgb(151, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 118,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6311, 20.8922, 20.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 118, 120) }
```

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

```
.background{ background-color: rgb(151,  
118, 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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