

Converting Colors

XYZ(20.9670, 16.8106, 17.7597)

Have a look what the booklet for
XYZ(20.9670, 16.8106, 17.7597)
contains.

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Color

**XYZ(20.9656, 16.8096,
17.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6171
RGB	156, 97, 113
RGB Percent	61%, 38%, 44%
CMY	0.3882, 0.6196, 0.5569
CMYK	0.00, 0.38, 0.28, 0.39
HSL	344°, 23%, 50%
HSV	344°, 38%, 61%
XYZ	20.9656, 16.8096, 17.7623
YIQ	116.4650, 30.0280, 17.4840

Conversions

Conversions Part 2

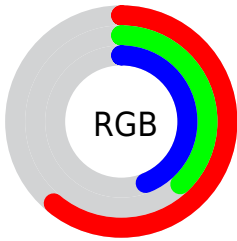
Format	Color
R_{YB}	156, 97, 113
Decimal	10248561
CIE _{Lab}	48.02, 26.16, 1.10
CIE _{LCh}	48, 26.184, 2.402
Yxy	16.8096, 0.3775, 0.3027
Android (android.graphics.Color)	4288438641 (0xFF9C6171)
YUV	116.4650, -1.7082, 34.6722
Hunter-Lab	40.9995, 19.5290, 3.0133

Details

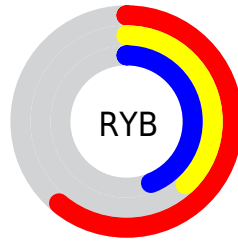
The XYZ color **20.9656, 16.8096, 17.7623** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5526, 28.2121, 29.1220**, and the grayscale version is **16.7424, 17.6143, 19.1819**.

A 20% lighter version of the original color is **44.5328, 37.8935, 40.5643**, and **7.6460, 5.4618, 5.6523** is the 20% darker color. If you saturate the color by 10%, you get **19.0628, 13.9651, 14.1653**, and if you desaturate by 10%, it is **23.2330, 20.2547, 21.8770**.

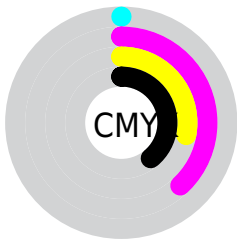
Distribution



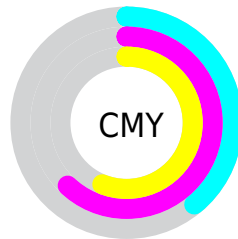
- Red (61%)
- Green (38%)
- Blue (44%)



- Red (61%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (39%)




- Cyan (39%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9656, 16.8096, 17.7623 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 20.9656, 16.8096, 17.7623 by changing the saturation by 10% instead.


 20.9656, 16.8096,
17.7623


 20.9656, 16.8096,
17.7623


249.8308,
234.0728, 251.7188


 13.2112, 10.0988,
10.6118


 44.5220, 37.9981,
40.4403

 7.6521, 5.4645,
5.6956


 61.0547, 53.2447,
56.8049

 3.9231, 2.5223,
2.5951

 81.2441, 72.1053,
77.0780

 1.6587, 0.8878,
0.8899

 105.4557, 94.9643,
101.6780

 0.4302, 0.0000,
0.0000

134.0549,
122.2062, 131.0236

 0.0000, 0.0000,
0.0000

167.4068,

154.2153, 165.5332

205.8770,
191.3760, 205.6254

■ 20.9656, 16.8096,
17.7623

■ 20.9656, 16.8096,
17.7623

■ 19.0628, 13.9651,
14.1653

■ 23.2330, 20.2547,
21.8770

■ 17.5037, 11.6842,
11.0637

■ 25.8817, 24.3299,
26.5282

■ 16.2669, 9.9296,
8.4354


■ 28.9292, 29.0653,
31.7350


■ 15.3285, 8.6584,
6.2556


■ 32.3912, 34.4888,
37.5152


■ 14.6607, 7.8208,
4.4974


■ 36.2828, 40.6263,
43.8860


 14.2167, 7.3296,
3.1258

 40.6182, 47.5025,
50.8636

 14.1336, 7.2372,
2.8705

 45.4110, 55.1411,
58.4637

 50.6742, 63.5645,
66.7014

 56.4202, 72.7942,
75.5912

Harmonies

Analogous

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



20.3561, 16.8096, 25.0245



20.9656, 16.8096, 17.7623



20.1329, 16.8096, 12.1726

Triad

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



20.9656, 16.8096, 17.7623



13.6617, 16.8096, 9.3608



13.9613, 16.8096, 32.4432

Complementary

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



20.9656, 16.8096, 17.7623



21.5526, 28.2121, 29.1220

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.



12.4364, 16.8096, 26.2075



20.9656, 16.8096, 17.7623



12.2758, 16.8096, 12.9074

Square

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



20.9656, 16.8096, 17.7623



15.7872, 16.8096, 8.1295



11.8501, 16.8096, 18.8541



16.1684, 16.8096, 34.6451

Rectangle

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



20.9656, 16.8096, 17.7623



18.9157, 16.8096, 9.8007



11.8501, 16.8096, 18.8541



13.3597, 16.8096, 30.6844

Sweetspot

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



20.9661, 16.8104, 17.7626



50.5786, 49.7288, 54.3090



20.9709, 16.4640, 33.5250



10.9767, 10.7049, 11.6900



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.



20.9661, 16.8104, 17.7626



35.2400, 26.2786, 26.9159



21.4211, 19.0370, 13.8559



6.7033, 6.6742, 7.2885



11.6547, 5.9664, 2.4325



0.2247, 0.1132, 0.1291

Inverse Universe

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



20.9661, 16.8104, 17.7626



35.2400, 26.2786, 26.9159



20.7862, 24.6523, 35.1153



6.7033, 6.6742, 7.2885



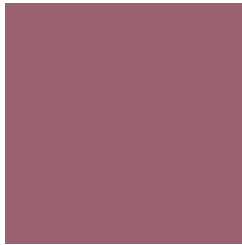
11.6547, 5.9664, 2.4325



0.2247, 0.1132, 0.1291

Previews

White Background



This preview shows how the XYZ color 20.9656, 16.8096, 17.7623 looks on a white background.

Color Contrast Check

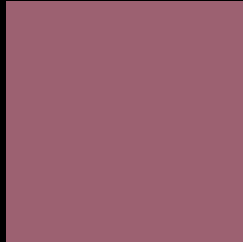
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9656, 16.8096, 17.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

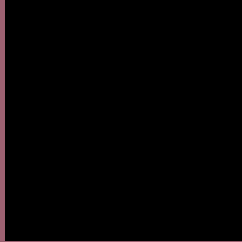
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.9656, 16.8096, 17.7623

Background



This preview shows how black text looks on a background with the XYZ color 20.9656, 16.8096, 17.7623.



This preview shows how white text looks on a background with the XYZ color 20.9656, 16.8096,

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

20.9656, 16.8096, 17.7623

Protanopia

16.5319, 17.0421, 21.1570

Deuteranopia

17.3061, 17.0286, 17.4136



Tritanopia

20.4868, 16.7445, 15.7879

Trichromacy



Original Color

20.9656, 16.8096, 17.7623

Protanomaly

17.7456, 16.7242, 19.7456

Deuteranomaly

18.5599, 16.8812, 17.6094

Tritanomaly

20.6456, 16.8081, 16.6241

Monochromacy



Original Color

20.9656, 16.8096, 17.7623

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9232, 17.0004, 18.5564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9656, 16.8096, 17.7623 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, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(156, 97, 113)  
}
```

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, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 97, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.9656, 16.8096, 17.7623 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, 97, 113) }
```


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

```
.border{ border-color:rgb(156, 97, 113) }
```

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

Here you see how a box with a 4 pixel rgb(156, 97, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(156, 97,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9656, 16.8096, 17.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 97, 113) }
```

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

```
.background{ background-color: rgb(156, 97,  
113) }
```

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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