

Converting Colors

XYZ(20.9697, 16.9308, 16.0829)

Have a look what the booklet for
XYZ(20.9697, 16.9308, 16.0829)
contains.

XYZ(20.9262, 16.9650, 16.0816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.9262, 16.9650,
16.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	9D626B
RGB	157, 98, 107
RGB Percent	62%, 38%, 42%
CMY	0.3843, 0.6157, 0.5804
CMYK	0.00, 0.38, 0.32, 0.38
HSL	351°, 23%, 50%
HSV	351°, 38%, 62%
XYZ	20.9262, 16.9650, 16.0816
YIQ	116.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

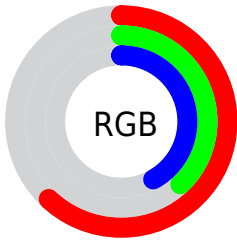
Format	Color
R_{YB}	157, 98, 107
Decimal	10314347
CIE _{Lab}	48.22, 25.12, 5.00
CIE _{LCh}	48, 25.616, 11.251
Yxy	16.9650, 0.3877, 0.3143
Android (android.graphics.Color)	4288504427 (0xFF9D626B)
YUV	116.6670, -4.7658, 35.3720
Hunter-Lab	41.1886, 18.6083, 5.6829

Details

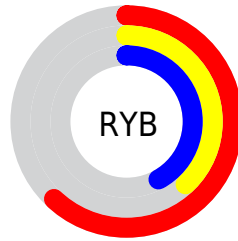
The XYZ color **20.9262, 16.9650, 16.0816** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4401, 28.8492, 32.4042**, and the grayscale version is **16.8132, 17.6888, 19.2632**.

A 20% lighter version of the original color is **44.3596, 38.1096, 37.3656**, and **7.6651, 5.5505, 4.9423** is the 20% darker color. If you saturate the color by 10%, you get **18.9517, 14.0514, 12.2314**, and if you desaturate by 10%, it is **23.2975, 20.4996, 20.5960**.

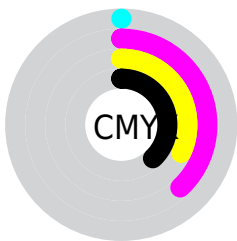
Distribution



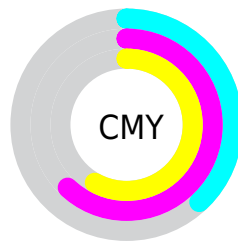
- Red (62%)
- Green (38%)
- Blue (42%)



- Red (62%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9262, 16.9650, 16.0816 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 20.9262, 16.9650, 16.0816 by changing the saturation by 10% instead.

■ 20.9262, 16.9650,
16.0816

■ 20.9262, 16.9650,
16.0816

249.6252,
234.9706, 241.6849

■ 13.1822, 10.2095,
9.4269

■ 44.4569, 38.2656,
37.5086

■ 7.6320, 5.5381,
4.9201

■ 60.9743, 53.5795,
53.1180

■ 3.9102, 2.5663,
2.1425

■ 81.1469, 72.5150,
72.5493

■ 1.6515, 0.9098,
0.6409

■ 105.3400, 95.4566,
96.2212

■ 0.4256, 0.0000,
0.0000

133.9191,
122.7885, 124.5522

■ 0.0000, 0.0000,
0.0000

167.2494,

154.8952, 157.9607

205.6963,
192.1611, 196.8655

■ 20.9262, 16.9650,
16.0816

■ 20.9262, 16.9650,
16.0816

■ 18.9517, 14.0514,
12.2314

■ 23.2975, 20.4996,
20.5960

■ 17.3508, 11.7205,
9.0128

■ 26.0844, 24.6858,
25.8029

■ 16.1000, 9.9337,
6.3921

■ 29.3061, 29.5548,
31.7302


■ 15.1724, 8.6465,
4.3320


■ 32.9802, 35.1354,
38.4042


■ 14.5373, 7.8076,
2.7906


■ 37.1233, 41.4546,
45.8495


 14.1458, 7.3306,
1.7164

 41.7513, 48.5380,
54.0898

 14.0690, 7.2338,
1.5158

 46.8792, 56.4100,
63.1478

 52.5213, 65.0939,
73.0452

 58.6915, 74.6120,
83.8028

Harmonies

Analogous

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



20.7464, 16.9650, 22.9071



20.9262, 16.9650, 16.0816



19.7302, 16.9650, 11.2421

Triad

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



20.9262, 16.9650, 16.0816



13.3493, 16.9650, 10.4120



14.7281, 16.9650, 33.4675

Complementary

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



20.9262, 16.9650, 16.0816



22.4401, 28.8492, 32.4042

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.



12.9876, 16.9650, 28.2813



20.9262, 16.9650, 16.0816



12.2460, 16.9650, 14.6498

Square

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



20.9262, 16.9650, 16.0816



15.2669, 16.9650, 8.5346



12.1204, 16.9650, 21.0883



17.0141, 16.9650, 34.1165

Rectangle

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



20.9262, 16.9650, 16.0816



18.3752, 16.9650, 9.3570



12.1204, 16.9650, 21.0883



14.0659, 16.9650, 32.1475

Sweetspot

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



20.9267, 16.9658, 16.0819



50.2949, 49.6153, 52.8149



22.5166, 17.3890, 34.0681



10.9083, 10.6776, 11.3299



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.



20.9267, 16.9658, 16.0819



34.4969, 25.9814, 23.0029



22.5491, 20.9292, 14.4076



6.6723, 6.6618, 7.1252



11.4358, 5.8789, 1.2798



0.2147, 0.1092, 0.0768

Inverse Universe

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



20.9267, 16.9658, 16.0819



34.4969, 25.9814, 23.0029



20.1166, 23.0179, 35.2811



6.6723, 6.6618, 7.1252



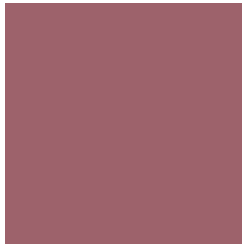
11.4358, 5.8789, 1.2798



0.2147, 0.1092, 0.0768

Previews

White Background



This preview shows how the XYZ color 20.9262, 16.9650, 16.0816 looks on a white background.

Color Contrast Check

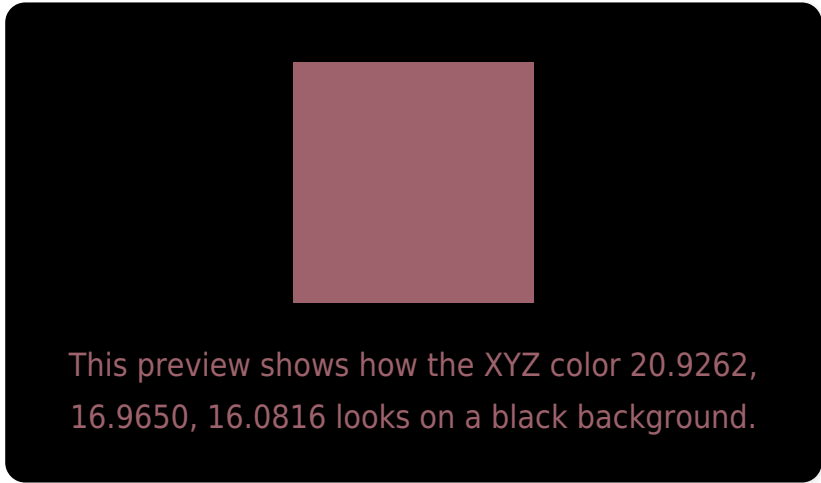
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 20.9262, 16.9650, 16.0816

Background



This preview shows how black text looks on a background with the XYZ color 20.9262, 16.9650, 16.0816.



This preview shows how white text looks on a background with the XYZ color 20.9262, 16.9650,

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

20.9262, 16.9650, 16.0816

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.4402, 17.1346, 15.7527



Tritanopia

20.8738, 16.9441, 15.8060

Trichromacy



Original Color

20.9262, 16.9650, 16.0816

Protanomaly

17.7033, 16.7427, 17.9214

Deuteranomaly

18.5708, 16.9241, 15.9236

Tritanomaly

20.8738, 16.9441, 15.8060

Monochromacy



Original Color

20.9262, 16.9650, 16.0816

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0723, 17.2496, 17.9998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9262, 16.9650, 16.0816 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(157, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 107)  
}
```

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(157, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 107) }
```

Border

The CSS property to change the border of an element to XYZ 20.9262, 16.9650, 16.0816 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(157, 98, 107) }
```


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

```
.border{ border-color:rgb(157, 98, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9262, 16.9650, 16.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 107) }
```

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

```
.background{ background-color: rgb(157, 98,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor