

Converting Colors

XYZ(20.9216, 16.9134, 15.8381)

Have a look what the booklet for
XYZ(20.9216, 16.9134, 15.8381)
contains.

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Color

**XYZ(20.8738, 16.9441,
15.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	9D626A
RGB	157, 98, 106
RGB Percent	62%, 38%, 42%
CMY	0.3843, 0.6157, 0.5843
CMYK	0.00, 0.38, 0.32, 0.38
HSL	352°, 23%, 50%
HSV	352°, 38%, 62%
XYZ	20.8738, 16.9441, 15.8060
YIQ	116.5530, 32.5960, 14.9960

Conversions

Conversions Part 2

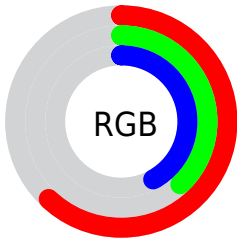
Format	Color
R_{YB}	157, 98, 106
Decimal	10314346
CIE _{Lab}	48.19, 24.99, 5.56
CIE _{LCh}	48, 25.597, 12.545
Yxy	16.9441, 0.3893, 0.3160
Android (android.graphics.Color)	4288504426 (0xFF9D626A)
YUV	116.5530, -5.2026, 35.4720
Hunter-Lab	41.1632, 18.4814, 6.0479

Details

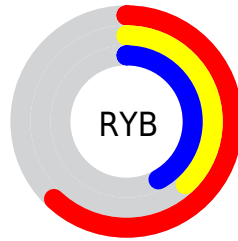
The XYZ color **20.8738, 16.9441, 15.8060** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5196, 28.8809, 32.8230**, and the grayscale version is **16.7793, 17.6532, 19.2243**.

A 20% lighter version of the original color is **44.2738, 38.0753, 36.9141**, and **7.6389, 5.5400, 4.8044** is the 20% darker color. If you saturate the color by 10%, you get **18.8955, 14.0289, 11.9357**, and if you desaturate by 10%, it is **23.2529, 20.4819, 20.3615**.

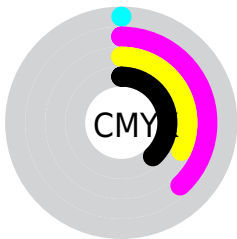
Distribution



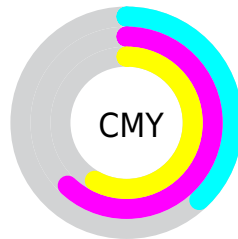
- Red (62%)
- Green (38%)
- Blue (42%)



- 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 20.8738, 16.9441, 15.8060 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 20.8738, 16.9441, 15.8060 by changing the saturation by 10% instead.

■ 20.8738, 16.9441,
15.8060

■ 20.8738, 16.9441,
15.8060

249.3515,
234.8500, 240.0007

■ 13.1437, 10.1946,
9.2341

■ 44.3703, 38.2296,
37.0232

■ 7.6053, 5.5282,
4.7953

■ 60.8674, 53.5345,
52.5055

■ 3.8931, 2.5604,
2.0710

■ 81.0175, 72.4600,
71.7952

■ 1.6418, 0.9068,
0.5984

■ 105.1861, 95.3904,
95.3105

■ 0.4194, 0.0000,
0.0000

133.7384,
122.7103, 123.4703

■ 0.0000, 0.0000,
0.0000

167.0398,

154.8039, 156.6928

205.4557,
192.0557, 195.3968

■ 20.8738, 16.9441,
15.8060

■ 20.8738, 16.9441,
15.8060

■ 18.8955, 14.0289,
11.9357

■ 23.2529, 20.4819,
20.3615

■ 17.2944, 11.6980,
8.7162

■ 26.0519, 24.6728,
25.6320

■ 16.0467, 9.9124,
6.1119


■ 29.2902, 29.5485,
31.6471


■ 15.1250, 8.6276,
4.0831

■ 32.9858, 35.1377,
38.4341


■ 14.4982, 7.7919,
2.5855

■ 37.1555, 41.4675,
46.0191


 14.1167, 7.3190,
1.5641

 41.8152, 48.5636,
54.4269

 14.0426, 7.2233,
1.3772

 46.9804, 56.4505,
63.6813

 52.6655, 65.1516,
73.8052

 58.8846, 74.6892,
84.8203

Harmonies

Analogous

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



20.7562, 16.9441, 22.5615



20.8738, 16.9441, 15.8060



19.6275, 16.9441, 11.0765

Triad

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



20.8738, 16.9441, 15.8060



13.2676, 16.9441, 10.5339



14.8010, 16.9441, 33.5535

Complementary

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



20.8738, 16.9441, 15.8060



22.5196, 28.8809, 32.8230

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.



13.0311, 16.9441, 28.5293



20.8738, 16.9441, 15.8060



12.2061, 16.9441, 14.8698

Square

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



20.8738, 16.9441, 15.8060



15.1533, 16.9441, 8.5625



12.1239, 16.9441, 21.3719



17.0954, 16.9441, 33.9781

Rectangle

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



20.8738, 16.9441, 15.8060



18.2548, 16.9441, 9.2617



12.1239, 16.9441, 21.3719



14.1307, 16.9441, 32.2996

Sweetspot

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



20.8743, 16.9449, 15.8063



50.2547, 49.5993, 52.6036



22.6939, 17.4805, 34.0762



10.8987, 10.6737, 11.2790



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.



20.8743, 16.9449, 15.8063



34.3970, 25.9414, 22.4767



22.6650, 21.1612, 14.4463



6.6679, 6.6601, 7.1021



11.4137, 5.8700, 1.1636



0.2133, 0.1086, 0.0693

Inverse Universe

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



20.8743, 16.9449, 15.8063



34.3970, 25.9414, 22.4767



19.9770, 22.7387, 35.2343



6.6679, 6.6601, 7.1021



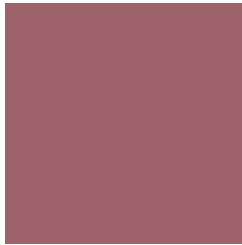
11.4137, 5.8700, 1.1636



0.2133, 0.1086, 0.0693

Previews

White Background



This preview shows how the XYZ color 20.8738, 16.9441, 15.8060 looks on a white background.

Color Contrast Check

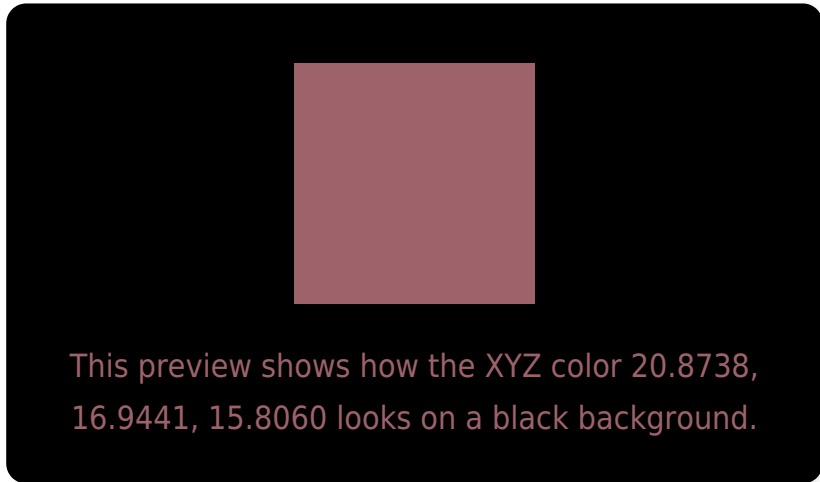
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8738, 16.9441, 15.8060

Background



This preview shows how black text looks on a background with the XYZ color 20.8738, 16.9441, 15.8060.



This preview shows how white text looks on a background with the XYZ color 20.8738, 16.9441,

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

20.8738, 16.9441, 15.8060

Protanopia

16.4479, 17.0543, 18.6446

Deuteranopia

17.3891, 17.1142, 15.4836



Tritanopia

20.8221, 16.9234, 15.5337

Trichromacy



Original Color

20.8738, 16.9441, 15.8060

Protanomaly

17.8029, 16.8005, 17.6337

Deuteranomaly

18.5191, 16.9034, 15.6512

Tritanomaly

20.8221, 16.9234, 15.5337

Monochromacy



Original Color

20.8738, 16.9441, 15.8060

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 20.8738, 16.9441, 15.8060 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 106) }
```

Border

The CSS property to change the border of an element to XYZ 20.8738, 16.9441, 15.8060 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, 106) }
```


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

```
.border{ border-color:rgb(157, 98, 106) }
```

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, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8738, 16.9441, 15.8060 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, 106) }
```

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

```
.background{ background-color: rgb(157, 98,  
106) }
```

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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