

Converting Colors

XYZ(20.8595, 17.7603, 18.8903)

Have a look what the booklet for
XYZ(20.8595, 17.7603, 18.8903)
contains.

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Color

**XYZ(20.8652, 17.7409,
18.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	976874
RGB	151, 104, 116
RGB Percent	59%, 41%, 45%
CMY	0.4078, 0.5921, 0.5451
CMYK	0.00, 0.31, 0.23, 0.41
HSL	345°, 18%, 50%
HSV	345°, 31%, 59%
XYZ	20.8652, 17.7409, 18.8476
YIQ	119.4210, 24.1600, 13.6960

Conversions

Conversions Part 2

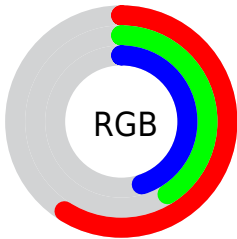
Format	Color
R_{YB}	151, 104, 116
Decimal	9922676
CIE _{Lab}	49.18, 20.67, 0.92
CIE _{LCh}	49, 20.694, 2.541
Yxy	17.7409, 0.3632, 0.3088
Android (android.graphics.Color)	4288112756 (0xFF976874)
YUV	119.4210, -1.6866, 27.6948
Hunter-Lab	42.1199, 14.7147, 2.9532

Details

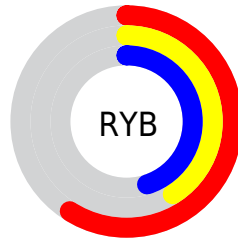
The XYZ color **20.8652, 17.7409, 18.8476** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4365, 26.9408, 28.4977**, and the grayscale version is **17.6683, 18.5884, 20.2428**.

A 20% lighter version of the original color is **44.4099, 39.7259, 42.3730**, and **7.6032, 5.8984, 6.2066** is the 20% darker color. If you saturate the color by 10%, you get **18.8642, 14.7230, 15.1463**, and if you desaturate by 10%, it is **23.2186, 21.3365, 23.0575**.

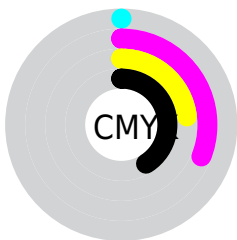
Distribution



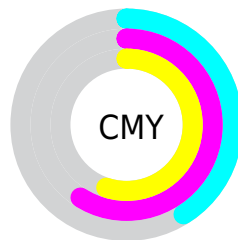
- Red (59%)
- Green (41%)
- Blue (45%)



- Red (59%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)
- Black (41%)



- Cyan (41%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8652, 17.7409, 18.8476 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 20.8652, 17.7409, 18.8476 by changing the saturation by 10% instead.

■ 20.8652, 17.7409,
18.8476

■ 20.8652, 17.7409,
18.8476

249.3065,
239.4065, 258.0008

■ 13.1374, 10.7641,
11.3845

■ 44.3561, 39.5953,
42.3097

■ 7.6009, 5.9085,
6.2087

■ 60.8498, 55.2418,
59.1458

■ 3.8903, 2.7895,
2.9015

■ 80.9963, 74.5469,
79.9432

■ 1.6403, 1.0228,
1.0446

■ 105.1608, 97.8951,
105.1207

■ 0.4184, 0.0000,
0.0000

133.7087,
125.6708, 135.0966

■ 0.0000, 0.0000,
0.0000

167.0054,

158.2583, 170.2896

205.4162,
196.0421, 211.1181

■ 20.8652, 17.7409,
18.8476

■ 20.8652, 17.7409,
18.8476

■ 18.8642, 14.7230,
15.1463

■ 23.2186, 21.3365,
23.0575

■ 17.1967, 12.2501,
11.9329

■ 25.9390, 25.5352,
27.7934

■ 15.8444, 10.2901,
9.1866


■ 29.0420, 30.3641,
33.0734


■ 14.7865, 8.8065,
6.8849


■ 32.5419, 35.8477,
38.9143


■ 13.9995, 7.7578,
5.0032


■ 36.4522, 42.0093,
45.3320

 13.4562, 7.0954,
3.5141

 40.7857, 48.8710,
52.3419

 13.1213, 6.7228,
2.4863

 45.5547, 56.4540,
59.9590

 50.7711, 64.7784,
68.1973

 56.4461, 73.8638,
77.0709

Harmonies

Analogous

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



20.3893, 17.7409, 24.6671



20.8652, 17.7409, 18.8476



20.2024, 17.7409, 14.1266

Triad

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



20.8652, 17.7409, 18.8476



14.9363, 17.7409, 11.6452



15.2018, 17.7409, 30.4172

Complementary

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



20.8652, 17.7409, 18.8476



21.4365, 26.9408, 28.4977

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.



13.9121, 17.7409, 25.6441



20.8652, 17.7409, 18.8476



13.7673, 17.7409, 14.8022

Square

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



20.8652, 17.7409, 18.8476



16.6975, 17.7409, 10.4971



13.4070, 17.7409, 19.7938



17.0279, 17.7409, 32.0588

Rectangle

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



20.8652, 17.7409, 18.8476



19.2314, 17.7409, 12.0240



13.4070, 17.7409, 19.7938



14.6960, 17.7409, 29.0859

Sweetspot

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



20.8657, 17.7417, 18.8480



47.4788, 47.3210, 51.5347



21.0955, 17.5791, 31.5595



10.6281, 10.5022, 11.4332



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.



20.8657, 17.7417, 18.8480



34.9272, 28.0835, 29.2678



21.3887, 19.8335, 15.7987



6.2703, 6.2473, 6.8035



11.1728, 5.7234, 2.1691



0.1801, 0.0908, 0.1015

Inverse Universe

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



20.8657, 17.7417, 18.8480



34.9272, 28.0835, 29.2678



20.6784, 23.9439, 32.8101



6.2703, 6.2473, 6.8035



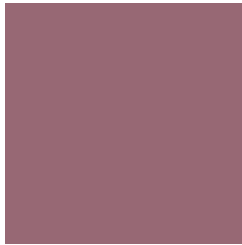
11.1728, 5.7234, 2.1691



0.1801, 0.0908, 0.1015

Previews

White Background



This preview shows how the XYZ color 20.8652, 17.7409, 18.8476 looks on a white background.

Color Contrast Check

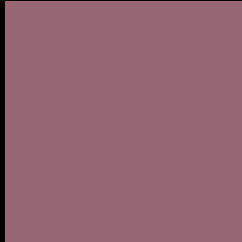
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8652, 17.7409, 18.8476 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 20.8652, 17.7409, 18.8476

Background



This preview shows how black text looks on a background with the XYZ color 20.8652, 17.7409, 18.8476.



This preview shows how white text looks on a background with the XYZ color 20.8652, 17.7409,

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

20.8652, 17.7409, 18.8476

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

18.1483, 17.7710, 18.3932



Tritanopia

20.7947, 17.8747, 17.9769

Trichromacy



Original Color

20.8652, 17.7409, 18.8476

Protanomaly

18.3903, 17.6902, 20.2146

Deuteranomaly

19.1517, 17.7929, 18.6446

Tritanomaly

20.8513, 17.8974, 18.2751

Monochromacy



Original Color

20.8652, 17.7409, 18.8476

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.6474, 18.1679, 19.6635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8652, 17.7409, 18.8476 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, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(151, 104, 116)  
}
```

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, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 104, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.8652, 17.7409, 18.8476 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, 104, 116) }
```


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

```
.border{ border-color:rgb(151, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(151, 104,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8652, 17.7409, 18.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 104, 116) }
```

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

```
.background{ background-color: rgb(151,  
104, 116) }
```

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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