

Converting Colors

XYZ(20.7927, 17.7916, 18.7321)

Have a look what the booklet for
XYZ(20.7927, 17.7916, 18.7321)
contains.

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Color

**XYZ(20.7816, 17.8481,
18.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	966974
RGB	150, 105, 116
RGB Percent	59%, 41%, 45%
CMY	0.4118, 0.5882, 0.5451
CMYK	0.00, 0.30, 0.23, 0.41
HSL	345°, 18%, 50%
HSV	345°, 30%, 59%
XYZ	20.7816, 17.8481, 18.8727
YIQ	119.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

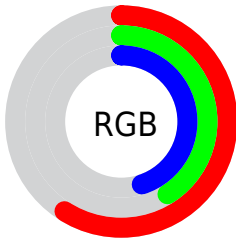
Format	Color
R_{YB}	150, 105, 116
Decimal	9857396
CIE _{Lab}	49.31, 19.71, 1.09
CIE _{LCh}	49, 19.736, 3.177
Yxy	17.8481, 0.3614, 0.3104
Android (android.graphics.Color)	4288047476 (0xFF966974)
YUV	119.7090, -1.8285, 26.5652
Hunter-Lab	42.2470, 13.8731, 3.0867

Details

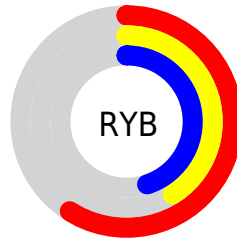
The XYZ color **20.7816, 17.8481, 18.8727** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3930, 26.6804, 28.4496**, and the grayscale version is **17.7605, 18.6855, 20.3485**.

A 20% lighter version of the original color is **44.3017, 39.9202, 42.4162**, and **7.5435, 5.9403, 6.2178** is the 20% darker color. If you saturate the color by 10%, you get **18.7669, 14.8101, 15.1444**, and if you desaturate by 10%, it is **23.1473, 21.4589, 23.1153**.

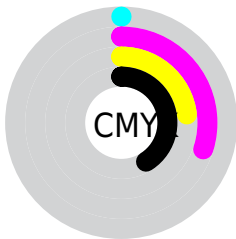
Distribution



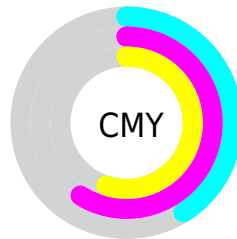
- Red (59%)
- Green (41%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7816, 17.8481, 18.8727 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 20.7816, 17.8481, 18.8727 by changing the saturation by 10% instead.

■ 20.7816, 17.8481,
18.8727

■ 20.7816, 17.8481,
18.8727

248.8693,
240.0135, 258.1444

■ 13.0760, 10.8410,
11.4024

■ 44.2178, 39.7783,
42.3527

■ 7.5583, 5.9600,
6.2206

■ 60.6791, 55.4702,
59.1996

■ 3.8630, 2.8208,
2.9088

■ 80.7897, 74.8258,
80.0090

■ 1.6249, 1.0389,
1.0482

■ 104.9149, 98.2296,
105.1996

■ 0.4086, 0.0000,
0.0000

133.4201,
126.0658, 135.1899

■ 0.0000, 0.0000,
0.0000

166.6707,

158.7189, 170.3984

205.0319,
196.5733, 211.2437

■ 20.7816, 17.8481,
18.8727

■ 20.7816, 17.8481,
18.8727

■ 18.7669, 14.8101,
15.1444

■ 23.1473, 21.4589,
23.1153

■ 17.0846, 12.3129,
11.9095

■ 25.8782, 25.6675,
27.8898

■ 15.7167, 10.3253,
9.1470


■ 28.9899, 30.5001,
33.2146


■ 14.6428, 8.8117,
6.8340

■ 32.4963, 35.9808,
39.1065


■ 13.8401, 7.7320,
4.9457

■ 36.4108, 42.1325,
45.5818


 13.2820, 7.0392,
3.4546


 40.7460, 48.9769,
52.6562

 12.9064, 6.6156,
2.3193

 45.5140, 56.5346,
60.3445

 12.9063, 6.6155,
2.3190

 50.7266, 64.8256,
68.6613

 56.3948, 73.8689,
77.6205

Harmonies

Analogous

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



20.3514, 17.8481, 24.4185



20.7816, 17.8481, 18.8727



20.1289, 17.8481, 14.3611

Triad

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



20.7816, 17.8481, 18.8727



15.0856, 17.8481, 12.0745



15.4046, 17.8481, 30.0527

Complementary

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



20.7816, 17.8481, 18.8727



21.3930, 26.6804, 28.4496

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.



14.1497, 17.8481, 25.5786



20.7816, 17.8481, 18.8727



13.9752, 17.8481, 15.1779

Square

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



20.7816, 17.8481, 18.8727



16.7671, 17.8481, 10.9125



13.6453, 17.8481, 20.0054



17.1626, 17.8481, 31.5253

Rectangle

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



20.7816, 17.8481, 18.8727



19.1935, 17.8481, 12.3480



13.6453, 17.8481, 20.0054



14.9143, 17.8481, 28.8142

Sweetspot

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



20.7821, 17.8489, 18.8731



46.0941, 45.9548, 49.9531



21.1629, 17.7735, 31.1695



10.0629, 9.9487, 10.8072



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.7821, 17.8489, 18.8731



34.2224, 27.7918, 28.7923



21.4023, 20.0532, 16.1082



5.8555, 5.8373, 6.3451



10.7154, 5.4912, 1.9824



0.1413, 0.0713, 0.0779

Inverse Universe

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



20.7821, 17.8489, 18.8731



34.2224, 27.7918, 28.7923



20.5278, 23.5987, 32.3273



5.8555, 5.8373, 6.3451



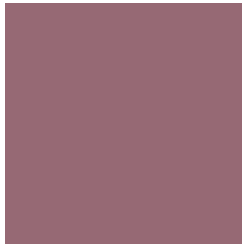
10.7154, 5.4912, 1.9824



0.1413, 0.0713, 0.0779

Previews

White Background



This preview shows how the XYZ color 20.7816, 17.8481, 18.8727 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 20.7816, 17.8481, 18.8727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

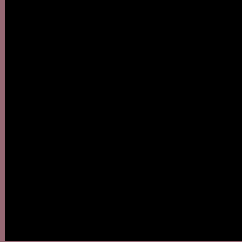
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7816, 17.8481, 18.8727

Background



This preview shows how black text looks on a background with the XYZ color 20.7816, 17.8481, 18.8727.



This preview shows how white text looks on a background with the XYZ color 20.7816, 17.8481,

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

20.7816, 17.8481, 18.8727

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

20.6099, 17.7794, 17.9683

Trichromacy



Original Color

20.7816, 17.8481, 18.8727

Protanomaly

18.5012, 17.9121, 20.2516

Deuteranomaly

19.0955, 17.9250, 18.6731

Tritanomaly

20.6665, 17.8021, 18.2665

Monochromacy



Original Color

20.7816, 17.8481, 18.8727

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8206, 18.4187, 20.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7816, 17.8481, 18.8727 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(150, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 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(150, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.7816, 17.8481, 18.8727 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(150, 105, 116) }
```


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

```
.border{ border-color:rgb(150, 105, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 116);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7816, 17.8481, 18.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 116) }
```

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

```
.background{ background-color: rgb(150,  
105, 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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