

Converting Colors

XYZ(20.8581, 16.9617, 18.4608)

Have a look what the booklet for
XYZ(20.8581, 16.9617, 18.4608)
contains.

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Color

**XYZ(20.8828, 17.0315,
18.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6373
RGB	154, 99, 115
RGB Percent	60%, 39%, 45%
CMY	0.3961, 0.6117, 0.5490
CMYK	0.00, 0.36, 0.25, 0.40
HSL	343°, 22%, 50%
HSV	343°, 36%, 60%
XYZ	20.8828, 17.0315, 18.4064
YIQ	117.2690, 27.6440, 16.6360

Conversions

Conversions Part 2

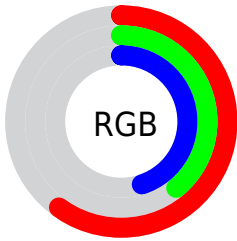
Format	Color
R_{YB}	154, 99, 115
Decimal	10118003
CIE _{Lab}	48.30, 24.55, 0.28
CIE _{LCh}	48, 24.556, 0.643
Yxy	17.0315, 0.3708, 0.3024
Android (android.graphics.Color)	4288308083 (0xFF9A6373)
YUV	117.2690, -1.1186, 32.2131
Hunter-Lab	41.2692, 18.1023, 2.4447

Details

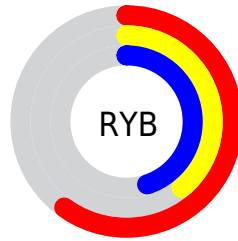
The XYZ color **20.8828, 17.0315, 18.4064** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2894, 27.5993, 28.2513**, and the grayscale version is **16.9897, 17.8745, 19.4653**.

A 20% lighter version of the original color is **44.4597, 38.3044, 41.6094**, and **7.5638, 5.5396, 5.9808** is the 20% darker color. If you saturate the color by 10%, you get **18.9689, 14.1505, 14.8496**, and if you desaturate by 10%, it is **23.1503, 20.5004, 22.4489**.

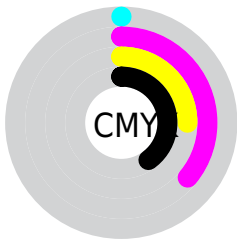
Distribution



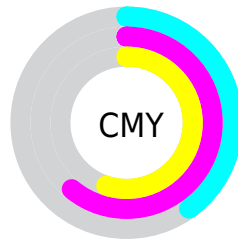
- Red (60%)
- Green (39%)
- Blue (45%)



- Red (60%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8828, 17.0315, 18.4064 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 20.8828, 17.0315, 18.4064 by changing the saturation by 10% instead.

■ 20.8828, 17.0315,
18.4064

■ 20.8828, 17.0315,
18.4064

249.3985,
235.3538, 255.4644

■ 13.1503, 10.2570,
11.0697

■ 44.3851, 38.3799,
41.5519

■ 7.6099, 5.5697,
5.9990

■ 60.8857, 53.7226,
58.1977

■ 3.8960, 2.5852,
2.7757

■ 81.0397, 72.6901,
78.7837

■ 1.6435, 0.9192,
0.9813

■ 105.2125, 95.6668,
103.7283

■ 0.4205, 0.0000,
0.0000

133.7694,
123.0372, 133.4502

■ 0.0000, 0.0000,
0.0000

167.0758,

155.1855, 168.3678

205.4971,
192.4963, 208.8997

■ 20.8828, 17.0315,
18.4064

■ 20.8828, 17.0315,
18.4064

■ 18.9689, 14.1505,
14.8496

■ 23.1503, 20.5004,
22.4489

■ 17.3888, 11.8221,
11.7584

■ 25.7871, 24.5848,
26.9937

■ 16.1228, 10.0113,
9.1129


■ 28.8096, 29.3139,
32.0583


■ 15.1483, 8.6775,
6.8914


■ 32.2329, 34.7139,
37.6586


■ 14.4397, 7.7745,
5.0698


■ 36.0709, 40.8097,
43.8100


 13.9627, 7.2392,
3.6201

 40.3374, 47.6249,
50.5273

 13.7962, 7.0580,
3.0970

 45.0450, 55.1821,
57.8246

 50.2062, 63.5028,
65.7157

 55.8326, 72.6077,
74.2137

Harmonies

Analogous

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



20.2352, 17.0315, 25.2653



20.8828, 17.0315, 18.4064



20.1792, 17.0315, 12.9460

Triad

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



20.8828, 17.0315, 18.4064



14.0924, 17.0315, 9.8346



14.1688, 17.0315, 31.4915

Complementary

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



20.8828, 17.0315, 18.4064



21.2894, 27.5993, 28.2513

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.



12.7611, 17.0315, 25.5609



20.8828, 17.0315, 18.4064



12.7199, 17.0315, 13.1355

Square

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



20.8828, 17.0315, 18.4064



16.1397, 17.0315, 8.7501



12.2554, 17.0315, 18.6831



16.2363, 17.0315, 33.7969

Rectangle

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



20.8828, 17.0315, 18.4064



19.0727, 17.0315, 10.5550



12.2554, 17.0315, 18.6831



13.6098, 17.0315, 29.7974

Sweetspot

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



20.8833, 17.0323, 18.4067



49.2218, 48.3707, 53.0496



20.6939, 16.6184, 32.6890



10.9882, 10.7095, 11.7506



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.



20.8833, 17.0323, 18.4067



35.0548, 26.5960, 28.1056



21.1551, 18.9236, 14.3430



6.2790, 6.2508, 6.8495



11.2541, 5.7559, 2.5969



0.1826, 0.0918, 0.1146

Inverse Universe

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



20.8833, 17.0323, 18.4067



35.0548, 26.5960, 28.1056



20.8014, 24.6313, 34.2300



6.2790, 6.2508, 6.8495



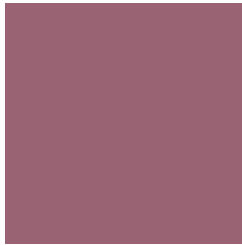
11.2541, 5.7559, 2.5969



0.1826, 0.0918, 0.1146

Previews

White Background



This preview shows how the XYZ color 20.8828, 17.0315, 18.4064 looks on a white background.

Color Contrast Check

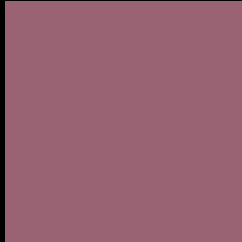
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8828, 17.0315, 18.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

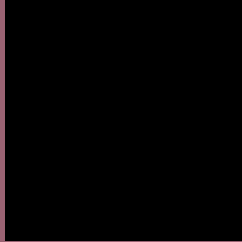
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8828, 17.0315, 18.4064

Background



This preview shows how black text looks on a background with the XYZ color 20.8828, 17.0315, 18.4064.



This preview shows how white text looks on a background with the XYZ color 20.8828, 17.0315,

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

20.8828, 17.0315, 18.4064

Protanopia

16.5948, 17.0673, 21.4885

Deuteranopia

17.4175, 17.0732, 18.0002



Tritanopia

20.4008, 16.9694, 16.3875

Trichromacy



Original Color

20.8828, 17.0315, 18.4064

Protanomaly

17.9731, 16.9849, 20.4203

Deuteranomaly

18.6115, 17.0487, 18.2294

Tritanomaly

20.5633, 17.0343, 17.2431

Monochromacy



Original Color

20.8828, 17.0315, 18.4064

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.9342, 17.1586, 18.8897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8828, 17.0315, 18.4064 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(154, 99, 115)` looks like.

```
.text, #text, p{  
    color:rgb(154, 99, 115)  
}
```

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(154, 99, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 99, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.8828, 17.0315, 18.4064 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(154, 99, 115) }
```


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

```
.border{ border-color:rgb(154, 99, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 99, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 99, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 99, 115);  
box-shadow:4px 4px 4px 4px rgb(154, 99,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8828, 17.0315, 18.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 99, 115) }
```

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

```
.background{ background-color: rgb(154, 99,  
115) }
```

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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