

Converting Colors

XYZ(21.1327, 17.8056, 20.8816)

Have a look what the booklet for
XYZ(21.1327, 17.8056, 20.8816)
contains.

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Color

**XYZ(21.0408, 17.7898,
20.7372)**

Conversions

Conversions Part 1

Format	Color
Hex	96687A
RGB	150, 104, 122
RGB Percent	59%, 41%, 48%
CMY	0.4118, 0.5921, 0.5216
CMYK	0.00, 0.31, 0.19, 0.41
HSL	337°, 18%, 50%
HSV	337°, 31%, 59%
XYZ	21.0408, 17.7898, 20.7372
YIQ	119.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

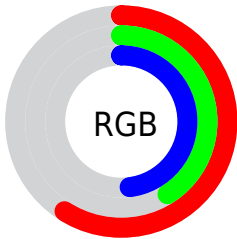
Format	Color
R_{YB}	150, 104, 122
Decimal	9857146
CIE _{Lab}	49.24, 21.26, -2.59
CIE _{LCh}	49, 21.416, 353.064
Yxy	17.7898, 0.3532, 0.2986
Android (android.graphics.Color)	4288047226 (0xFF96687A)
YUV	119.8060, 1.0816, 26.4801
Hunter-Lab	42.1780, 15.2347, 0.3741

Details

The XYZ color **21.0408, 17.7898, 20.7372** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7808, 26.4220, 25.8356**, and the grayscale version is **17.7829, 18.7090, 20.3741**.

A 20% lighter version of the original color is **44.7053, 39.8121, 45.3727**, and **7.6538, 5.9061, 7.0399** is the 20% darker color. If you saturate the color by 10%, you get **19.1237, 14.8188, 17.4368**, and if you desaturate by 10%, it is **23.2807, 21.3209, 24.4079**.

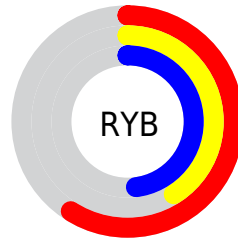
Distribution



Red (59%)

Green (41%)

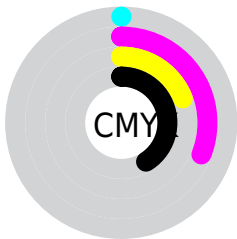
Blue (48%)



Red (59%)

Yellow (41%)

Blue (48%)

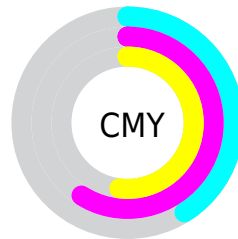


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (41%)



Cyan (41%)


Magenta (59%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0408, 17.7898, 20.7372 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 21.0408, 17.7898, 20.7372 by changing the saturation by 10% instead.


 21.0408, 17.7898,
20.7372


 21.0408, 17.7898,
20.7372

250.2229,
239.6836, 268.6136


 13.2665, 10.7992,
12.7427


 44.6462, 39.6788,
45.5248

 7.6906, 5.9320,
7.1230


 61.2080, 55.3460,
63.1551

 3.9477, 2.8038,
3.4595

 81.4296, 74.6742,
84.8342

 1.6726, 1.0302,
1.3338

 105.6764, 98.0477,
110.9809

 0.4390, 0.0000,
0.0892

134.3138,
125.8511, 142.0136

 0.0000, 0.0000,
0.0000

167.7071,

158.4685, 178.3510

206.2216,
196.2846, 220.4114

■ 21.0408, 17.7898,
20.7372

■ 21.0408, 17.7898,
20.7372

■ 19.1237, 14.8188,
17.4368

■ 23.2807, 21.3209,
24.4079

■ 17.5122, 12.3763,
14.4932

■ 25.8564, 25.4365,
28.4596

■ 16.1896, 10.4315,
11.8935

■ 28.7821, 30.1627,
32.9039


■ 15.1372, 8.9492,
9.6236


■ 32.0707, 35.5231,
37.7514


■ 14.3337, 7.8896,
7.6681


■ 35.7344, 41.5402,
43.0124


 13.7544, 7.2061,
6.0101

 39.7849, 48.2352,
48.6970

 13.3591, 6.7966,
4.7035

 44.2333, 55.6286,
54.8145

 49.0902, 63.7398,
61.3742

 54.3660, 72.5876,
68.3851

Harmonies

Analogous

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



20.1883, 17.7898, 26.8084



21.0408, 17.7898, 20.7372



20.7179, 17.7898, 15.3510

Triad

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



21.0408, 17.7898, 20.7372



15.4400, 17.7898, 10.8696



14.6918, 17.7898, 29.6275

Complementary

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



21.0408, 17.7898, 20.7372



20.7808, 26.4220, 25.8356

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.



13.5975, 17.7898, 24.0357



21.0408, 17.7898, 20.7372



14.0050, 17.7898, 13.4531

Square

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



21.0408, 17.7898, 20.7372



17.3795, 17.7898, 10.3322



13.3564, 17.7898, 18.0644



16.4464, 17.7898, 32.5595

Rectangle

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



21.0408, 17.7898, 20.7372



19.8911, 17.7898, 12.7551



13.3564, 17.7898, 18.0644



14.2404, 17.7898, 27.9492

Sweetspot

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



21.0413, 17.7906, 20.7376



46.3587, 46.0606, 51.3466



19.9093, 16.9769, 31.0817



10.1292, 9.9752, 11.1565



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.



21.0413, 17.7906, 20.7376



34.6851, 27.5919, 32.4154



20.5030, 18.3365, 15.5564



5.8891, 5.8507, 6.5224



11.0947, 5.6429, 3.9794



0.1495, 0.0746, 0.1211

Inverse Universe

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



21.0413, 17.7906, 20.7376



34.6851, 27.5919, 32.4154



21.4011, 25.5187, 32.6518



5.8891, 5.8507, 6.5224



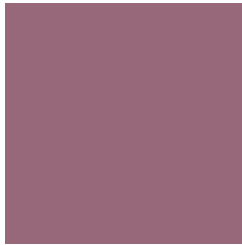
11.0947, 5.6429, 3.9794



0.1495, 0.0746, 0.1211

Previews

White Background



This preview shows how the XYZ color 21.0408, 17.7898, 20.7372 looks on a white background.

Color Contrast Check

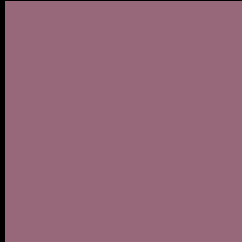
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0408, 17.7898, 20.7372 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 21.0408, 17.7898, 20.7372

Background



This preview shows how black text looks on a background with the XYZ color 21.0408, 17.7898, 20.7372.



This preview shows how white text looks on a background with the XYZ color 21.0408, 17.7898,

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

21.0408, 17.7898, 20.7372

Protanopia

17.5930, 18.0473, 23.6753

Deuteranopia

18.1599, 17.9027, 20.2677



Tritanopia

20.4833, 17.7076, 18.2579

Trichromacy



Original Color

21.0408, 17.7898, 20.7372

Protanomaly

18.5270, 17.7098, 22.5205

Deuteranomaly

19.0188, 17.6832, 20.5000

Tritanomaly

20.6569, 17.7771, 19.1722

Monochromacy



Original Color

21.0408, 17.7898, 20.7372

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8286, 18.2404, 20.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0408, 17.7898, 20.7372 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, 104, 122)` looks like.

```
.text, #text, p{  
    color:rgb(150, 104, 122)  
}
```

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, 104, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 104, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.0408, 17.7898, 20.7372 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, 104, 122) }
```


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

```
.border{ border-color:rgb(150, 104, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 104, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 104, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 104, 122);  
box-shadow:4px 4px 4px 4px rgb(150, 104,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0408, 17.7898, 20.7372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 104, 122) }
```

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

```
.background{ background-color: rgb(150,  
104, 122) }
```

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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