

Converting Colors

XYZ(20.9828, 17.5129, 18.4941)

Have a look what the booklet for
XYZ(20.9828, 17.5129, 18.4941)
contains.

XYZ(20.9828, 17.5129, 18.4941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.9828, 17.5129,
18.4941)**

Conversions

Conversions Part 1

Format	Color
Hex	996673
RGB	153, 102, 115
RGB Percent	60%, 40%, 45%
CMY	0.4000, 0.6000, 0.5490
CMYK	0.00, 0.33, 0.25, 0.40
HSL	345°, 20%, 50%
HSV	345°, 33%, 60%
XYZ	20.9828, 17.5129, 18.4941
YIQ	118.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

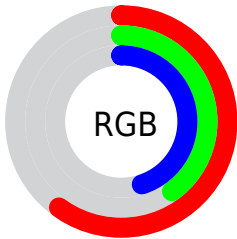
Format	Color
R_{YB}	153, 102, 115
Decimal	10053235
CIE _{Lab}	48.90, 22.45, 1.14
CIE _{LCh}	49, 22.477, 2.895
Yxy	17.5129, 0.3682, 0.3073
Android (android.graphics.Color)	4288243315 (0xFF996673)
YUV	118.7310, -1.8394, 30.0539
Hunter-Lab	41.8484, 16.2652, 3.0918

Details

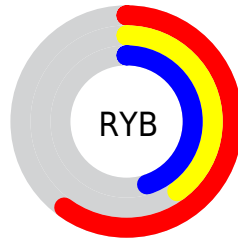
The XYZ color **20.9828, 17.5129, 18.4941** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6052, 27.5012, 28.9819**, and the grayscale version is **17.4499, 18.3586, 19.9926**.

A 20% lighter version of the original color is **44.5431, 39.3111, 41.7993**, and **7.6991, 5.8103, 6.0259** is the 20% darker color. If you saturate the color by 10%, you get **18.9997, 14.5323, 14.7941**, and if you desaturate by 10%, it is **23.3256, 21.0827, 22.7148**.

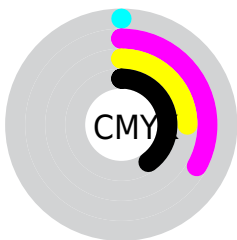
Distribution



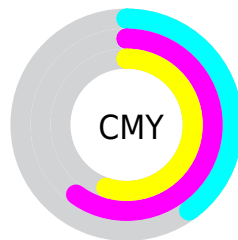
- Red (60%)
- Green (40%)
- Blue (45%)



- Red (60%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9828, 17.5129, 18.4941 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 20.9828, 17.5129, 18.4941 by changing the saturation by 10% instead.


 20.9828, 17.5129,
18.4941


 20.9828, 17.5129,
18.4941

249.9205,
238.1110, 255.9705


 13.2238, 10.6008,
11.1322


 44.5504, 39.2055,
41.7027


 7.6609, 5.7991,
6.0405


 61.0897, 54.7549,
58.3865

 3.9287, 2.7233,
2.8006

 81.2865, 73.9522,
79.0147

 1.6619, 0.9891,
0.9937

 105.5062, 97.1818,
104.0059

 0.4322, 0.0000,
0.0000

134.1141,
124.8281, 133.7785

 0.0000, 0.0000,
0.0000

167.4755,

157.2754, 168.7511

205.9559,
194.9083, 209.3422

■ 20.9828, 17.5129,
18.4941

■ 20.9828, 17.5129,
18.4941

■ 18.9997, 14.5323,
14.7941

■ 23.3256, 21.0827,
22.7148

■ 17.3565, 12.1066,
11.5930

■ 26.0435, 25.2685,
27.4744

■ 16.0338, 10.2018,
8.8691


■ 29.1529, 30.0986,
32.7919

■ 15.0097, 8.7793,
6.5987


■ 32.6686, 35.5986,
38.6847


■ 14.2591, 7.7948,
4.7556


■ 36.6047, 41.7929,
45.1696


 13.7527, 7.1958,
3.3109

 40.9747, 48.7047,
52.2626

 13.5030, 6.9188,
2.5426

 45.7914, 56.3559,
59.9791

 51.0672, 64.7676,
68.3342

 56.8137, 73.9601,
77.3420

Harmonies

Analogous

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



20.4786, 17.5129, 24.7979



20.9828, 17.5129, 18.4941



20.2469, 17.5129, 13.4839

Triad

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



20.9828, 17.5129, 18.4941



14.5601, 17.5129, 10.9559



14.8835, 17.5129, 31.2354

Complementary

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



20.9828, 17.5129, 18.4941



21.6052, 27.5012, 28.9819

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.



13.4987, 17.5129, 26.0148



20.9828, 17.5129, 18.4941



13.3232, 17.5129, 14.2976

Square

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



20.9828, 17.5129, 18.4941



16.4437, 17.5129, 9.7407



12.9513, 17.5129, 19.6548



16.8489, 17.5129, 33.0010

Rectangle

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



20.9828, 17.5129, 18.4941



19.1852, 17.5129, 11.2940



12.9513, 17.5129, 19.6548



14.3404, 17.5129, 29.7794

Sweetspot

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



20.9833, 17.5137, 18.4945



48.3088, 47.8367, 52.0781



21.2162, 17.3271, 32.3634



10.5143, 10.3260, 11.2367



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.



20.9833, 17.5137, 18.4945



34.8694, 27.2853, 28.0916



21.5418, 19.7446, 15.2471



6.2702, 6.2472, 6.8029



11.1719, 5.7230, 2.1644



0.1801, 0.0908, 0.1013

Inverse Universe

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



20.9833, 17.5137, 18.4945



34.8694, 27.2853, 28.0916



20.7696, 24.2046, 33.7145



6.2702, 6.2472, 6.8029



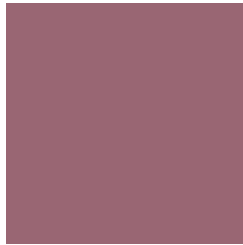
11.1719, 5.7230, 2.1644



0.1801, 0.0908, 0.1013

Previews

White Background



This preview shows how the XYZ color 20.9828, 17.5129, 18.4941 looks on a white background.

Color Contrast Check

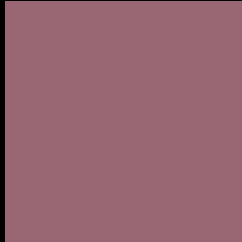
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9828, 17.5129, 18.4941 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 20.9828, 17.5129, 18.4941

Background



This preview shows how black text looks on a background with the XYZ color 20.9828, 17.5129, 18.4941.



This preview shows how white text looks on a background with the XYZ color 20.9828, 17.5129,

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

20.9828, 17.5129, 18.4941

Protanopia

17.1567, 17.7028, 21.2516

Deuteranopia

17.9390, 17.6696, 18.0879



Tritanopia

20.8564, 17.6205, 17.3408

Trichromacy



Original Color

20.9828, 17.5129, 18.4941

Protanomaly

18.2805, 17.4708, 20.1780

Deuteranomaly

18.9871, 17.5555, 18.3074

Tritanomaly

20.9117, 17.6427, 17.6324

Monochromacy



Original Color

20.9828, 17.5129, 18.4941

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.5352, 17.9436, 19.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9828, 17.5129, 18.4941 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(153, 102, 115)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 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(153, 102, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.9828, 17.5129, 18.4941 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(153, 102, 115) }
```


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

```
.border{ border-color:rgb(153, 102, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 115);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9828, 17.5129, 18.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 115) }
```

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

```
.background{ background-color: rgb(153,  
102, 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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