

Converting Colors

XYZ(22.5344, 18.7770, 18.6530)

Have a look what the booklet for
XYZ(22.5344, 18.7770, 18.6530)
contains.

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Color

**XYZ(22.4442, 18.7119,
18.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6973
RGB	159, 105, 115
RGB Percent	62%, 41%, 45%
CMY	0.3765, 0.5882, 0.5490
CMYK	0.00, 0.34, 0.28, 0.38
HSL	349°, 22%, 52%
HSV	349°, 34%, 62%
XYZ	22.4442, 18.7119, 18.6485
YIQ	122.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

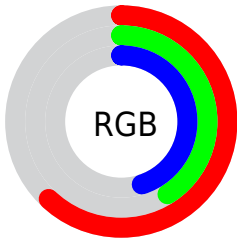
Format	Color
RYB	159, 105, 115
Decimal	10447219
CIELab	50.35, 23.06, 3.33
CIElCh	50, 23.301, 8.204
Yxy	18.7119, 0.3753, 0.3129
Android (android.graphics.Color)	4288637299 (0xFF9F6973)
YUV	122.2860, -3.5920, 32.1982
Hunter-Lab	43.2573, 16.9152, 4.7198

Details

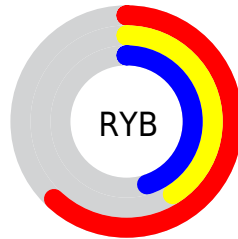
The XYZ color **22.4442, 18.7119, 18.6485** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6495, 29.9700, 32.9736**, and the grayscale version is **18.5974, 19.5659, 21.3072**.

A 20% lighter version of the original color is **47.0564, 41.3510, 42.0606**, and **8.4201, 6.3957, 6.1009** is the 20% darker color. If you saturate the color by 10%, you get **20.2797, 15.4933, 14.5036**, and if you desaturate by 10%, it is **25.0174, 22.5798, 23.4471**.

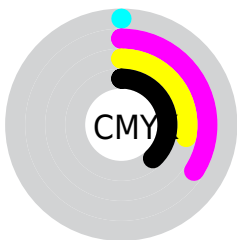
Distribution



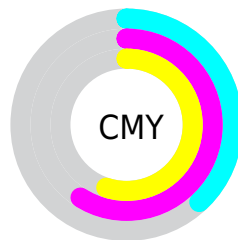
- Red (62%)
- Green (41%)
- Blue (45%)



- Red (62%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (38%)





- Cyan (38%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4442, 18.7119, 18.6485 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 22.4442, 18.7119, 18.6485 by changing the saturation by 10% instead.


 22.4442, 18.7119,
18.6485


 22.4442, 18.7119,
18.6485


257.4463,
244.8536, 256.8591


 14.3021, 11.4623,
11.2423


 46.9525, 41.2467,
41.9681


 8.4142, 6.3787,
6.1139

 64.0494, 57.3007,
58.7185

 4.4151, 3.0767,
2.8445

 84.8619, 77.0583,
79.4208

 1.9396, 1.1719,
1.0158

 109.7554,
100.9038, 104.4935

 0.5997, 0.0386,
0.0000

139.0952,
129.2217, 134.3552

 0.0000, 0.0000,
0.0000

173.2467,

162.3964, 169.4243

212.5753,
200.8122, 210.1194

■ 22.4442, 18.7119,
18.6485

■ 22.4442, 18.7119,
18.6485

■ 20.2797, 15.4933,
14.5036

■ 25.0174, 22.5798,
23.4471

■ 18.5010, 12.8857,
10.9827

■ 28.0173, 27.1272,
28.9250

■ 17.0855, 10.8510,
8.0555


■ 31.4629, 32.3855,
35.1078


■ 16.0073, 9.3458,
5.6886


■ 35.3716, 38.3835,
42.0195


■ 15.2371, 8.3202,
3.8453

■ 39.7597, 45.1483,
49.6829


 14.7405, 7.7147,
2.4841

 44.6428, 52.7057,
58.1198

 14.5254, 7.4619,
1.8656

 50.0357, 61.0803,
67.3512

 55.9527, 70.2955,
77.3970

 62.4076, 80.3740,
88.2769

Harmonies

Analogous

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



22.1347, 18.7119, 25.3552



22.4442, 18.7119, 18.6485



21.4246, 18.7119, 13.6033

Triad

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



22.4442, 18.7119, 18.6485



15.2297, 18.7119, 12.0730



16.2193, 18.7119, 34.2586

Complementary

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



22.4442, 18.7119, 18.6485



23.6495, 29.9700, 32.9736

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.



14.5830, 18.7119, 29.0850



22.4442, 18.7119, 18.6485



14.0463, 18.7119, 16.0922

Square

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



22.4442, 18.7119, 18.6485



17.1719, 18.7119, 10.3687



13.8200, 18.7119, 22.2029



18.4127, 18.7119, 35.3483

Rectangle

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



22.4442, 18.7119, 18.6485



20.1754, 18.7119, 11.5185



13.8200, 18.7119, 22.2029



15.5915, 18.7119, 32.8937

Sweetspot

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



22.4447, 18.7128, 18.6489



52.4069, 51.9797, 55.8253



23.5592, 18.9219, 35.2117



11.6355, 11.4451, 12.2626



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.4447, 18.7128, 18.6489



37.1039, 28.9082, 27.4959



23.7102, 22.1151, 16.3847



6.6807, 6.6652, 7.1699



11.4845, 5.8984, 1.5363



0.2174, 0.1103, 0.0912

Inverse Universe

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



22.4447, 18.7128, 18.6489



37.1039, 28.9082, 27.4959



21.8769, 25.0921, 36.4913



6.6807, 6.6652, 7.1699



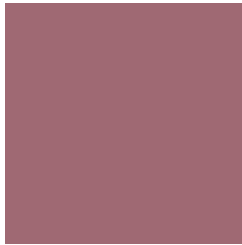
11.4845, 5.8984, 1.5363



0.2174, 0.1103, 0.0912

Previews

White Background



This preview shows how the XYZ color 22.4442, 18.7119, 18.6485 looks on a white background.

Color Contrast Check

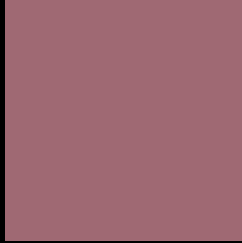
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.4442, 18.7119, 18.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

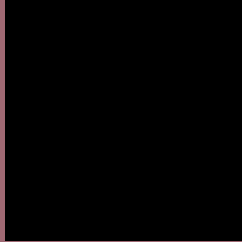
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4442, 18.7119, 18.6485

Background



This preview shows how black text looks on a background with the XYZ color 22.4442, 18.7119, 18.6485.



This preview shows how white text looks on a background with the XYZ color 22.4442, 18.7119,

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

22.4442, 18.7119, 18.6485

Protanopia

18.1768, 18.9279, 21.4343

Deuteranopia

19.0575, 18.7514, 18.2377



Tritanopia

22.3303, 18.6663, 18.0488

Trichromacy



Original Color

22.4442, 18.7119, 18.6485

Protanomaly

19.5126, 18.7684, 20.3635

Deuteranomaly

20.1591, 18.6429, 18.4555

Tritanomaly

22.3869, 18.6890, 18.3470

Monochromacy



Original Color

22.4442, 18.7119, 18.6485

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5668, 18.9736, 20.0837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4442, 18.7119, 18.6485 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(159, 105, 115)` looks like.

```
.text, #text, p{  
    color:rgb(159, 105, 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(159, 105, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 105, 115) }
```

Border

The CSS property to change the border of an element to XYZ 22.4442, 18.7119, 18.6485 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(159, 105, 115) }
```


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

```
.border{ border-color:rgb(159, 105, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 105, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 105, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 105, 115);  
box-shadow:4px 4px 4px 4px rgb(159, 105,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4442, 18.7119, 18.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 105, 115) }
```

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

```
.background{ background-color: rgb(159,  
105, 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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