

Converting Colors

XYZ(20.9988, 18.8810, 22.4030)

Have a look what the booklet for
XYZ(20.9988, 18.8810, 22.4030)
contains.

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Color

**XYZ(20.9519, 18.8045,
22.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	906F7E
RGB	144, 111, 126
RGB Percent	56%, 44%, 49%
CMY	0.4353, 0.5647, 0.5059
CMYK	0.00, 0.23, 0.12, 0.44
HSL	333°, 13%, 50%
HSV	333°, 23%, 56%
XYZ	20.9519, 18.8045, 22.2640
YIQ	122.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

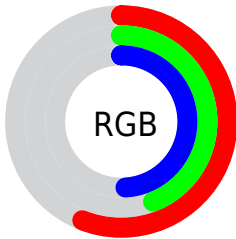
Format	Color
R_{YB}	144, 111, 126
Decimal	9465726
CIE Lab	50.46, 15.58, -3.24
CIE LCh	50, 15.919, 348.239
Yxy	18.8045, 0.3378, 0.3032
Android (android.graphics.Color)	4287655806 (0xFF906F7E)
YUV	122.5770, 1.6875, 18.7880
Hunter-Lab	43.3642, 10.3571, -0.0857

Details

The XYZ color **20.9519, 18.8045, 22.2640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4920, 24.9115, 24.4983**, and the grayscale version is **18.6792, 19.6520, 21.4010**.

A 20% lighter version of the original color is **44.5226, 41.4548, 48.3028**, and **7.6313, 6.4180, 7.8578** is the 20% darker color. If you saturate the color by 10%, you get **19.0185, 15.7171, 19.2162**, and if you desaturate by 10%, it is **23.1795, 22.4162, 25.6067**.

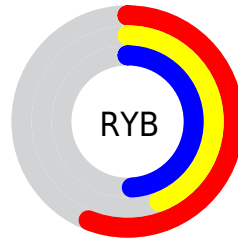
Distribution



Red (56%)

Green (44%)

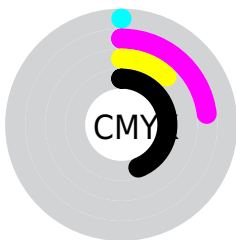
Blue (49%)



Red (56%)

Yellow (44%)

Blue (49%)

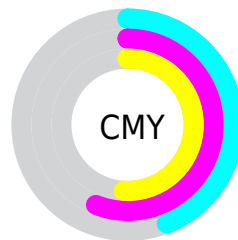


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (44%)



Cyan (44%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9519, 18.8045, 22.2640 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 20.9519, 18.8045, 22.2640 by changing the saturation by 10% instead.

■ 20.9519, 18.8045,
22.2640

■ 20.9519, 18.8045,
22.2640

249.7593,
245.3674, 276.9202

■ 13.2011, 11.5291,
13.8508

■ 44.4993, 41.4035,
48.0897

■ 7.6451, 6.4239,
7.8794

■ 61.0267, 57.4959,
66.3394

■ 3.9186, 3.1045,
3.9312

■ 81.2103, 77.2960,
88.7049

■ 1.6562, 1.1865,
1.5877

■ 105.4155,
101.1884, 115.6049

■ 0.4286, 0.0507,
0.2820

134.0077,
129.5573, 147.4579

■ 0.0000, 0.0000,
0.0000

167.3521,

162.7871, 184.6824

205.8142,
201.2624, 227.6970

■ 20.9519, 18.8045,
22.2640

■ 20.9519, 18.8045,
22.2640

■ 19.0185, 15.7171,
19.2162

■ 23.1795, 22.4162,
25.6067

■ 17.3646, 13.1268,
16.4534

■ 25.7119, 26.5725,
29.2514

■ 15.9768, 11.0078,
13.9665

■ 28.5611, 31.2959,
33.2067

■ 14.8398, 9.3311,
11.7456

■ 31.7379, 36.6068,
37.4803

■ 13.9364, 8.0642,
9.7800

■ 35.2527, 42.5245,
42.0795

■ 13.2474, 7.1704,
8.0581

■ 39.1153, 49.0677,
47.0114

■ 12.7502, 6.6059,
6.5668

■ 43.3353, 56.2539,
52.2831

■ 12.4689, 6.3162,
5.6314

■ 47.9217, 64.1002,
57.9011

■ 52.8832, 72.6230,
63.8720

Harmonies

Analogous

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



20.1892, 18.8045, 26.7007



20.9519, 18.8045, 22.2640



20.8551, 18.8045, 17.9184

Triad

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



20.9519, 18.8045, 22.2640



16.9566, 18.8045, 13.3923



15.9611, 18.8045, 27.5230

Complementary

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



20.9519, 18.8045, 22.2640



20.4920, 24.9115, 24.4983

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.



15.1898, 18.8045, 23.2637



20.9519, 18.8045, 22.2640



15.7413, 18.8045, 15.3009

Square

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



20.9519, 18.8045, 22.2640



18.4874, 18.8045, 13.2051



15.1118, 18.8045, 18.7843



17.2726, 18.8045, 30.0174

Rectangle

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



20.9519, 18.8045, 22.2640



20.3171, 18.8045, 15.6341



15.1118, 18.8045, 18.7843



15.6334, 18.8045, 26.2241

Sweetspot

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



20.9524, 18.8053, 22.2644



43.3936, 43.6473, 48.8077



19.7118, 18.0193, 28.8249



9.8996, 9.9248, 11.1188



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.9524, 18.8053, 22.2644



35.3096, 30.5291, 36.7113



20.1767, 18.6883, 17.5837



5.5044, 5.4623, 6.1542



10.8697, 5.5049, 4.9650



0.1148, 0.0570, 0.1048

Inverse Universe

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



20.9524, 18.8053, 22.2644



35.3096, 30.5291, 36.7113



21.3976, 25.0084, 30.0851



5.5044, 5.4623, 6.1542



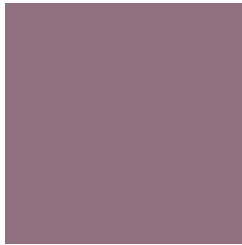
10.8697, 5.5049, 4.9650



0.1148, 0.0570, 0.1048

Previews

White Background



This preview shows how the XYZ color 20.9519, 18.8045, 22.2640 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 20.9519, 18.8045, 22.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

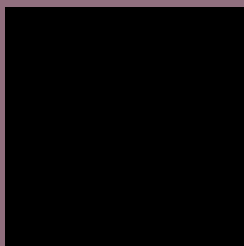
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9519, 18.8045, 22.2640

Background



This preview shows how black text looks on a background with the XYZ color 20.9519, 18.8045, 22.2640.



This preview shows how white text looks on a background with the XYZ color 20.9519, 18.8045,

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

20.9519, 18.8045, 22.2640

Protanopia

18.4210, 18.9936, 24.1680

Deuteranopia

19.2689, 18.9491, 22.0440



Tritanopia

20.5731, 18.8085, 20.6352

Trichromacy



Original Color

20.9519, 18.8045, 22.2640

Protanomaly

19.2258, 18.8968, 23.4030

Deuteranomaly

19.8241, 18.8930, 22.0039

Tritanomaly

20.6970, 18.8580, 21.2880

Monochromacy



Original Color

20.9519, 18.8045, 22.2640

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.5950, 19.4742, 21.7949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9519, 18.8045, 22.2640 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(144, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(144, 111, 126)  
}
```

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(144, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 111, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.9519, 18.8045, 22.2640 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(144, 111, 126) }
```


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

```
.border{ border-color:rgb(144, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(144, 111,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9519, 18.8045, 22.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 111, 126) }
```

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

```
.background{ background-color: rgb(144,  
111, 126) }
```

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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