

Converting Colors

XYZ(19.8986, 17.2409, 22.6336)

Have a look what the booklet for
XYZ(19.8986, 17.2409, 22.6336)
contains.

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Color

**XYZ(19.9324, 17.3244,
22.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6980
RGB	141, 105, 128
RGB Percent	55%, 41%, 50%
CMY	0.4471, 0.5882, 0.4980
CMYK	0.00, 0.26, 0.09, 0.45
HSL	322°, 15%, 48%
HSV	322°, 26%, 55%
XYZ	19.9324, 17.3244, 22.7155
YIQ	118.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

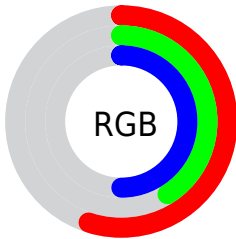
Format	Color
RYB	141, 105, 128
Decimal	9267584
CIELab	48.67, 18.33, -7.12
CIELCh	49, 19.662, 338.756
Yxy	17.3244, 0.3324, 0.2889
Android (android.graphics.Color)	4287457664 (0xFF8D6980)
YUV	118.3860, 4.7397, 19.8325
Hunter-Lab	41.6226, 12.6413, -3.2217

Details

The XYZ color **19.9324, 17.3244, 22.7155** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6213, 23.3616, 20.6684**, and the grayscale version is **17.3239, 18.2261, 19.8482**.

A 20% lighter version of the original color is **42.9031, 39.0522, 48.9927**, and **7.0909, 5.6644, 8.1168** is the 20% darker color. If you saturate the color by 10%, you get **18.2869, 14.5562, 20.5547**, and if you desaturate by 10%, it is **21.8339, 20.5771, 25.0450**.

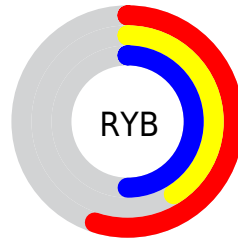
Distribution



Red (55%)

Green (41%)

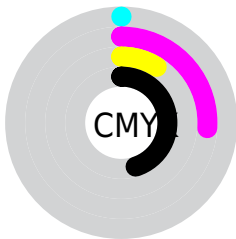
Blue (50%)



Red (55%)

Yellow (41%)

Blue (50%)

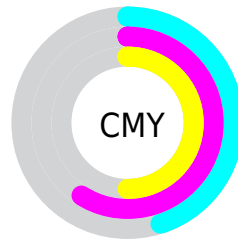


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9324, 17.3244, 22.7155 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 19.9324, 17.3244, 22.7155 by changing the saturation by 10% instead.

■ 19.9324, 17.3244,
22.7155

■ 19.9324, 17.3244,
22.7155

244.3895,
237.0349, 279.3348

■ 12.4539, 10.4661,
14.1803

■ 42.8086, 38.8827,
48.8430

■ 7.1280, 5.7090,
8.1060

■ 58.9371, 54.3514,
67.2724

■ 3.5893, 2.6690,
4.0741

■ 78.6795, 73.4591,
89.8368

■ 1.4725, 0.9615,
1.6661

■ 102.4013, 96.5900,
116.9549

■ 0.3070, 0.0000,
0.3373

130.4679,
124.1287, 149.0453

■ 0.0000, 0.0000,
0.0000

163.2445,

156.4595, 186.5263

201.0966,
193.9668, 229.8166

■ 19.9324, 17.3244,
22.7155

■ 19.9324, 17.3244,
22.7155

■ 18.2869, 14.5562,
20.5547

■ 21.8339, 20.5771,
25.0450

■ 16.8839, 12.2467,
18.5564

■ 24.0009, 24.3340,
27.5470

■ 15.7109, 10.3711,
16.7154

■ 26.4446, 28.6164,
30.2265

■ 14.7537, 8.9013,
15.0255

■ 29.1748, 33.4437,
33.0880

■ 13.9963, 7.8059,
13.4803

■ 32.2008, 38.8344,
36.1357

■ 13.4206, 7.0489,
12.0724

■ 35.5317, 44.8061,
39.3737

■ 13.0004, 6.5786,
10.7916

■ 39.1761, 51.3755,
42.8060

■ 12.8335, 6.4023,
10.2501

■ 43.1421, 58.5588,
46.4362

■ 47.4377, 66.3714,
50.2681

Harmonies

Analogous

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



18.7455, 17.3244, 27.7652



19.9324, 17.3244, 22.7155



20.1561, 17.3244, 17.3846

Triad

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



19.9324, 17.3244, 22.7155



15.9416, 17.3244, 10.6191



13.8956, 17.3244, 25.8258

Complementary

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



19.9324, 17.3244, 22.7155



18.6213, 23.3616, 20.6684

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.



13.2568, 17.3244, 20.4236



19.9324, 17.3244, 22.7155



14.3798, 17.3244, 12.1020

Square

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



19.9324, 17.3244, 22.7155



17.7615, 17.3244, 11.0068



13.4273, 17.3244, 15.4733



15.2357, 17.3244, 29.7776

Rectangle

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



19.9324, 17.3244, 22.7155



19.7141, 17.3244, 14.4581



13.4273, 17.3244, 15.4733



13.5964, 17.3244, 24.0832

Sweetspot

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



19.9329, 17.3252, 22.7159



41.9087, 41.7105, 48.1174



17.2770, 15.8507, 27.3485



9.2395, 9.1062, 10.6088



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.9329, 17.3252, 22.7159



33.8350, 27.8842, 38.2706



18.8730, 16.9012, 17.1347



5.5447, 5.4784, 6.3664



11.7094, 5.8408, 9.3868



0.1225, 0.0601, 0.1455

Inverse Universe

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



19.9329, 17.3252, 22.7159



33.8350, 27.8842, 38.2706



19.7667, 23.8197, 26.7001



5.5447, 5.4784, 6.3664



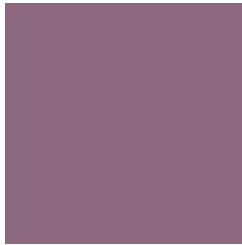
11.7094, 5.8408, 9.3868



0.1225, 0.0601, 0.1455

Previews

White Background



This preview shows how the XYZ color 19.9324, 17.3244, 22.7155 looks on a white background.

Color Contrast Check

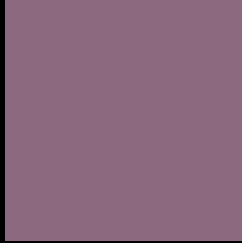
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9324, 17.3244, 22.7155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

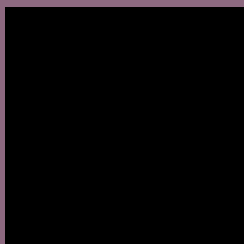
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.9324, 17.3244, 22.7155

Background



This preview shows how black text looks on a background with the XYZ color 19.9324, 17.3244, 22.7155.



This preview shows how white text looks on a background with the XYZ color 19.9324, 17.3244,

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

19.9324, 17.3244, 22.7155

Protanopia

17.1159, 17.4274, 25.0160

Deuteranopia

17.7619, 17.4801, 22.5165



Tritanopia

18.9997, 17.2422, 18.5463

Trichromacy



Original Color

19.9324, 17.3244, 22.7155

Protanomaly

18.0177, 17.2458, 24.2089

Deuteranomaly

18.4600, 17.3513, 22.4549

Tritanomaly

19.3594, 17.2396, 20.0765

Monochromacy



Original Color

19.9324, 17.3244, 22.7155

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0222, 17.6510, 20.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9324, 17.3244, 22.7155 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(141, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(141, 105, 128)  
}
```

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(141, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.9324, 17.3244, 22.7155 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(141, 105, 128) }
```


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

```
.border{ border-color:rgb(141, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9324, 17.3244, 22.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 128) }
```

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

```
.background{ background-color: rgb(141,  
105, 128) }
```

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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