

Converting Colors

XYZ(22.5018, 19.2681, 22.9552)

Have a look what the booklet for
XYZ(22.5018, 19.2681, 22.9552)
contains.

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Color

**XYZ(22.5018, 19.2681,
22.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	996D80
RGB	153, 109, 128
RGB Percent	60%, 43%, 50%
CMY	0.4000, 0.5725, 0.4980
CMYK	0.00, 0.29, 0.16, 0.40
HSL	334°, 18%, 51%
HSV	334°, 29%, 60%
XYZ	22.5018, 19.2681, 22.9552
YIQ	124.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

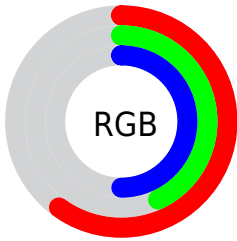
Format	Color
R _Y B	153, 109, 128
Decimal	10055040
CIE Lab	51.00, 20.52, -3.52
CIE LCh	51, 20.820, 350.273
Yxy	19.2681, 0.3477, 0.2977
Android (android.graphics.Color)	4288245120 (0xFF996D80)
YUV	124.3220, 1.8133, 25.1506
Hunter-Lab	43.8954, 14.6861, -0.2790

Details

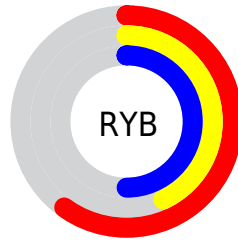
The XYZ color **22.5018, 19.2681, 22.9552** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0018, 27.7554, 26.7533**, and the grayscale version is **19.2555, 20.2583, 22.0613**.

A 20% lighter version of the original color is **47.0978, 42.2358, 49.3861**, and **8.4469, 6.6687, 8.2391** is the 20% darker color. If you saturate the color by 10%, you get **20.4616, 16.0645, 19.5719**, and if you desaturate by 10%, it is **24.8762, 23.0613, 26.6923**.

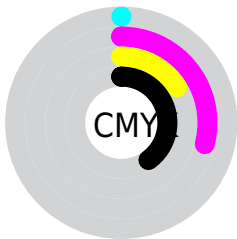
Distribution



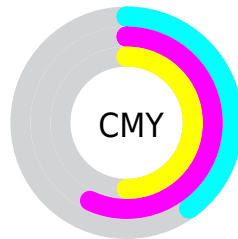
- Red (60%)
- Green (43%)
- Blue (50%)



- Red (60%)
- Yellow (43%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5018, 19.2681, 22.9552 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 22.5018, 19.2681, 22.9552 by changing the saturation by 10% instead.

■ 22.5018, 19.2681,
22.9552

■ 22.5018, 19.2681,
22.9552

257.7391,
247.9249, 280.6093

■ 14.3447, 11.8642,
14.3554

■ 47.0467, 42.1866,
49.2420

■ 8.4441, 6.6512,
8.2267

■ 64.1652, 58.4700,
67.7662

■ 4.4346, 3.2450,
4.1505

■ 85.0016, 78.4820,
90.4355

■ 1.9508, 1.2609,
1.7083

■ 109.9212,
102.6070, 117.6686

■ 0.6061, 0.1106,
0.3664

139.2894,
131.2294, 149.8840

■ 0.0000, 0.0000,
0.0000

173.4716,

164.7336, 187.5002

212.8330,
203.5039, 230.9358

■ 22.5018, 19.2681,
22.9552

■ 22.5018, 19.2681,
22.9552

■ 20.4616, 16.0645,
19.5719

■ 24.8762, 23.0613,
26.6923

■ 18.7381, 13.4179,
16.5298

■ 27.5981, 27.4693,
30.7929

■ 17.3145, 11.2966,
13.8173


■ 30.6819, 32.5189,
35.2674


■ 16.1717, 9.6645,
11.4215


■ 34.1408, 38.2347,
40.1258


■ 15.2883, 8.4812,
9.3283


■ 37.9871, 44.6398,
45.3775


 14.6395, 7.6991,
7.5225

 42.2329, 51.7564,
51.0315

 14.1751, 7.2207,
5.9795

 46.8894, 59.6054,
57.0967

 14.1222, 7.1664,
5.8029

 51.9675, 68.2073,
63.5814

 57.4778, 77.5813,
70.4940

Harmonies

Analogous

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



21.5322, 19.2681, 29.0972



22.5018, 19.2681, 22.9552



22.2863, 19.2681, 17.2894

Triad

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



22.5018, 19.2681, 22.9552



16.9753, 19.2681, 12.0362



15.8970, 19.2681, 30.9697

Complementary

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



22.5018, 19.2681, 22.9552



22.0018, 27.7554, 26.7533

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.



14.8438, 19.2681, 25.1610



22.5018, 19.2681, 22.9552



15.4331, 19.2681, 14.5325

Square

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



22.5018, 19.2681, 22.9552



18.9911, 19.2681, 11.6674



14.6805, 19.2681, 19.1209



17.6527, 19.2681, 34.2645

Rectangle

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



22.5018, 19.2681, 22.9552



21.5052, 19.2681, 14.4678



14.6805, 19.2681, 19.1209



15.4548, 19.2681, 29.2004

Sweetspot

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



22.5024, 19.2690, 22.9556



49.2062, 48.8381, 54.8229



21.0401, 18.3010, 32.5608



10.7128, 10.5361, 11.8794



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.



22.5024, 19.2690, 22.9556



37.7024, 30.4193, 36.8417



21.6847, 19.4510, 17.0806



6.3140, 6.2648, 7.0335



11.6878, 5.9294, 4.8810



0.1925, 0.0957, 0.1664

Inverse Universe

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



22.5024, 19.2690, 22.9556



37.7024, 30.4193, 36.8417



22.9741, 27.3856, 34.2123



6.3140, 6.2648, 7.0335



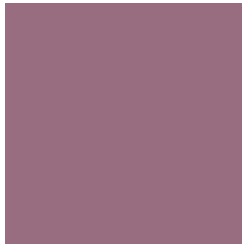
11.6878, 5.9294, 4.8810



0.1925, 0.0957, 0.1664

Previews

White Background



This preview shows how the XYZ color 22.5018, 19.2681, 22.9552 looks on a white background.

Color Contrast Check

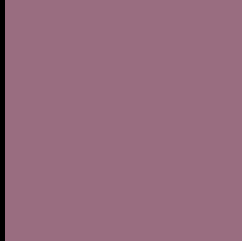
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5018, 19.2681, 22.9552 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 22.5018, 19.2681, 22.9552

Background



This preview shows how black text looks on a background with the XYZ color 22.5018, 19.2681, 22.9552.



This preview shows how white text looks on a background with the XYZ color 22.5018, 19.2681,

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

22.5018, 19.2681, 22.9552

Protanopia

18.9563, 19.4171, 25.6704

Deuteranopia

19.6044, 19.2885, 22.4285



Tritanopia

21.9631, 19.3762, 20.0352

Trichromacy



Original Color

22.5018, 19.2681, 22.9552

Protanomaly

20.0419, 19.2941, 24.4976

Deuteranomaly

20.6090, 19.2827, 22.7144

Tritanomaly

22.0377, 19.2324, 20.9631

Monochromacy



Original Color

22.5018, 19.2681, 22.9552

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.2902, 19.8252, 22.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5018, 19.2681, 22.9552 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, 109, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 109, 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(153, 109, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 109, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.5018, 19.2681, 22.9552 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, 109, 128) }
```


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

```
.border{ border-color:rgb(153, 109, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 109, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 109, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 109, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 109,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5018, 19.2681, 22.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 109, 128) }
```

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

```
.background{ background-color: rgb(153,  
109, 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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