

Converting Colors

XYZ(21.9495, 19.2242, 26.5996)

Have a look what the booklet for
XYZ(21.9495, 19.2242, 26.5996)
contains.

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Color

**XYZ(21.9489, 19.2236,
26.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	916F8A
RGB	145, 111, 138
RGB Percent	57%, 44%, 54%
CMY	0.4314, 0.5647, 0.4588
CMYK	0.00, 0.23, 0.05, 0.43
HSL	312°, 13%, 50%
HSV	312°, 23%, 57%
XYZ	21.9489, 19.2236, 26.5984
YIQ	124.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

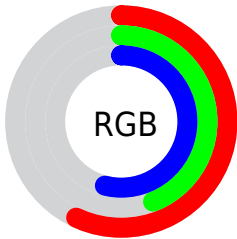
Format	Color
R_{YB}	145, 111, 138
Decimal	9531274
CIE _{Lab}	50.95, 18.19, -9.60
CIE _{LCh}	51, 20.566, 332.182
Yxy	19.2236, 0.3239, 0.2837
Android (android.graphics.Color)	4287721354 (0xFF916F8A)
YUV	124.2440, 6.7817, 18.2030
Hunter-Lab	43.8447, 12.6298, -5.2770

Details

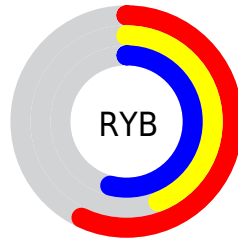
The XYZ color **21.9489, 19.2236, 26.5984** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9517, 24.9388, 20.9028**, and the grayscale version is **19.2154, 20.2161, 22.0153**.

A 20% lighter version of the original color is **46.0544, 42.0981, 54.9886**, and **8.1551, 6.6393, 10.0842** is the 20% darker color. If you saturate the color by 10%, you get **20.2804, 16.2274, 24.9905**, and if you desaturate by 10%, it is **23.8814, 22.7375, 28.3240**.

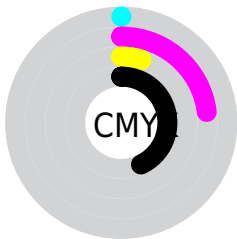
Distribution



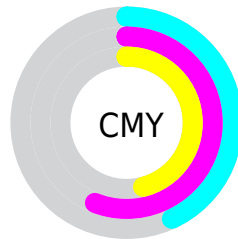
- Red (57%)
- Green (44%)
- Blue (54%)



- Red (57%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9489, 19.2236, 26.5984 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 21.9489, 19.2236, 26.5984 by changing the saturation by 10% instead.

■ 21.9489, 19.2236,
26.5984

■ 21.9489, 19.2236,
26.5984

254.9167,
247.6804, 299.4058

■ 13.9357, 11.8320,
17.0421

■ 46.1410, 42.1116,
55.2346

■ 8.1574, 6.6294,
10.1022

■ 63.0507, 58.3767,
75.1516

■ 4.2485, 3.2314,
5.3603

■ 83.6566, 78.3685,
99.3592

■ 1.8436, 1.2537,
2.3978

■ 108.3240,
102.4713, 128.2760

■ 0.5438, 0.1049,
0.7852

137.4184,
131.0694, 162.3205

■ 0.0000, 0.0000,
0.0000

171.3051,

164.5474, 201.9113

210.3494,
203.2896, 247.4669

■ 21.9489, 19.2236,
26.5984

■ 21.9489, 19.2236,
26.5984

■ 20.2804, 16.2274,
24.9905

■ 23.8814, 22.7375,
28.3240

■ 18.8616, 13.7217,
23.4948

■ 26.0877, 26.7898,
30.1702

■ 17.6797, 11.6804,
22.1069

■ 28.5792, 31.4029,
32.1413

■ 16.7201, 10.0742,
20.8217

■ 31.3663, 36.5973,
34.2409

■ 15.9662, 8.8703,
19.6334

■ 34.4586, 42.3925,
36.4724

■ 15.3993, 8.0314,
18.5356

■ 37.8656, 48.8071,
38.8393

■ 14.9972, 7.5128,
17.5207

■ 41.5961, 55.8589,
41.3447

■ 14.7800, 7.2609,
16.8859

■ 45.6587, 63.5647,
43.9917

■ 50.0616, 71.9412,
46.7831

Harmonies

Analogous

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



20.4321, 19.2236, 31.9000



21.9489, 19.2236, 26.5984



22.4598, 19.2236, 20.5081

Triad

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



21.9489, 19.2236, 26.5984



18.1231, 19.2236, 11.6237



15.1605, 19.2236, 27.4735

Complementary

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



21.9489, 19.2236, 26.5984



19.9517, 24.9388, 20.9028

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.



14.6392, 19.2236, 21.3601



21.9489, 19.2236, 26.5984



16.2688, 19.2236, 12.8183

Square

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



21.9489, 19.2236, 26.5984



20.1558, 19.2236, 12.5135



15.0296, 19.2236, 16.1323



16.5084, 19.2236, 32.4675

Rectangle

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



21.9489, 19.2236, 26.5984



22.1328, 19.2236, 16.9849



15.0296, 19.2236, 16.1323



14.8875, 19.2236, 25.4458

Sweetspot

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



21.9495, 19.2244, 26.5988



45.1985, 45.1762, 52.7810



18.2402, 17.2518, 29.1569



10.0110, 9.9693, 11.7052



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.



21.9495, 19.2244, 26.5988



37.7149, 31.5577, 46.1288



20.8256, 18.7749, 20.6807



5.5793, 5.4923, 6.5488



12.6867, 6.2317, 14.5332



0.1290, 0.0627, 0.1797

Inverse Universe

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



21.9495, 19.2244, 26.5988



37.7149, 31.5577, 46.1288



21.0407, 25.3744, 26.6372



5.5793, 5.4923, 6.5488



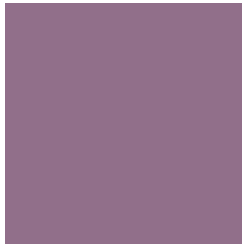
12.6867, 6.2317, 14.5332



0.1290, 0.0627, 0.1797

Previews

White Background



This preview shows how the XYZ color 21.9489, 19.2236, 26.5984 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 21.9489, 19.2236, 26.5984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

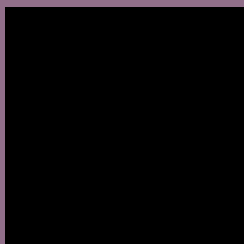
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9489, 19.2236, 26.5984

Background



This preview shows how black text looks on a background with the XYZ color 21.9489, 19.2236, 26.5984.



This preview shows how white text looks on a background with the XYZ color 21.9489, 19.2236,

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

21.9489, 19.2236, 26.5984

Protanopia

19.2075, 19.4703, 29.1313

Deuteranopia

19.5980, 19.1986, 26.3397



Tritanopia

20.9202, 19.3043, 21.3624

Trichromacy



Original Color

21.9489, 19.2236, 26.5984

Protanomaly

19.9962, 19.1876, 28.2409

Deuteranomaly

20.3190, 19.0542, 26.2738

Tritanomaly

21.3030, 19.2981, 23.0242

Monochromacy



Original Color

21.9489, 19.2236, 26.5984

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.0750, 19.6842, 23.5102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9489, 19.2236, 26.5984 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(145, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 138)  
}
```

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(145, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.9489, 19.2236, 26.5984 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(145, 111, 138) }
```


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

```
.border{ border-color:rgb(145, 111, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9489, 19.2236, 26.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 138) }
```

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

```
.background{ background-color: rgb(145,  
111, 138) }
```

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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