

Converting Colors

XYZ(24.4939, 21.9080, 26.8073)

Have a look what the booklet for
XYZ(24.4939, 21.9080, 26.8073)
contains.

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Color

**XYZ(24.5107, 21.8987,
26.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	9A778A
RGB	154, 119, 138
RGB Percent	60%, 47%, 54%
CMY	0.3961, 0.5333, 0.4588
CMYK	0.00, 0.23, 0.10, 0.40
HSL	327°, 15%, 54%
HSV	327°, 23%, 60%
XYZ	24.5107, 21.8987, 26.9798
YIQ	131.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

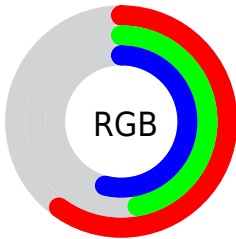
Format	Color
R_{YB}	154, 119, 138
Decimal	10123146
CIE _{Lab}	53.92, 16.88, -5.07
CIE _{LCh}	54, 17.623, 343.285
Yxy	21.8987, 0.3340, 0.2984
Android (android.graphics.Color)	4288313226 (0xFF9A778A)
YUV	131.6310, 3.1399, 19.6176
Hunter-Lab	46.7960, 11.6011, -1.4258

Details

The XYZ color **24.5107, 21.8987, 26.9798** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5374, 28.7830, 27.2381**, and the grayscale version is **21.7853, 22.9198, 24.9597**.

A 20% lighter version of the original color is **50.2614, 46.4427, 55.6055**, and **9.4311, 7.9097, 10.2622** is the 20% darker color. If you saturate the color by 10%, you get **22.3311, 18.3288, 23.8195**, and if you desaturate by 10%, it is **27.0216, 26.0778, 30.4141**.

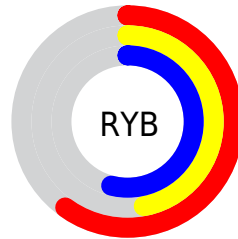
Distribution



Red (60%)

Green (47%)

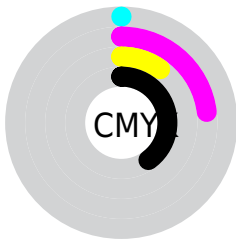
Blue (54%)



Red (60%)

Yellow (47%)

Blue (54%)

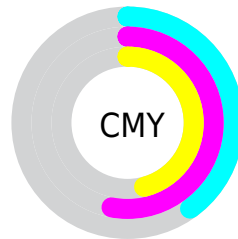


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5107, 21.8987, 26.9798 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 24.5107, 21.8987, 26.9798 by changing the saturation by 10% instead.

■ 24.5107, 21.8987,
26.9798

■ 24.5107, 21.8987,
26.9798

267.7852,
262.0168, 301.3164

■ 15.8397, 13.7825,
17.3257

■ 50.3109, 46.5785,
55.8548

■ 9.5009, 7.9695,
10.3026

■ 68.1709, 63.9109,
75.9128

■ 5.1290, 4.0755,
5.4918

■ 89.8245, 85.0841,
100.2759

■ 2.3587, 1.7159,
2.4749

115.6371,
110.4826, 129.3626

■ 0.8244, 0.4339,
0.8268

145.9742,
140.4907, 163.5915

■ 0.0000, 0.0000,
0.0000

181.2009,

175.4929, 203.3810

221.6828,
215.8734, 249.1498

■ 24.5107, 21.8987,
26.9798

■ 24.5107, 21.8987,
26.9798

■ 22.3311, 18.3288,
23.8195

■ 27.0216, 26.0778,
30.4141

■ 20.4660, 15.3362,
20.9237

■ 29.8759, 30.8900,
34.1287

■ 18.9000, 12.8909,
18.2845

■ 33.0872, 36.3615,
38.1313

■ 17.6154, 10.9587,
15.8926

■ 36.6679, 42.5162,
42.4288

■ 16.5927, 9.5015,
13.7383

■ 40.6300, 49.3769,
47.0279

■ 15.8096, 8.4760,
11.8106

■ 44.9845, 56.9650,
51.9350

■ 15.2399, 7.8306,
10.0972

■ 49.7423, 65.3014,
57.1565

■ 14.9109, 7.5038,
8.9670

■ 54.9137, 74.4058,
62.6983

■ 59.6723, 82.6244,
68.2874

Harmonies

Analogous

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



23.4193, 21.8987, 32.2952



24.5107, 21.8987, 26.9798



24.5738, 21.8987, 21.5207

Triad

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



24.5107, 21.8987, 26.9798



19.9862, 21.8987, 15.0458



18.2676, 21.8987, 31.7565

Complementary

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



24.5107, 21.8987, 26.9798



23.5374, 28.7830, 27.2381

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.



17.4588, 21.8987, 26.3287



24.5107, 21.8987, 26.9798



18.4096, 21.8987, 17.0129

Square

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



24.5107, 21.8987, 26.9798



21.8820, 21.8987, 15.1653



17.5091, 21.8987, 20.9610



19.7815, 21.8987, 35.3272

Rectangle

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



24.5107, 21.8987, 26.9798



24.0181, 21.8987, 18.5530



17.5091, 21.8987, 20.9610



17.9085, 21.8987, 30.0558

Sweetspot

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



24.5113, 21.8997, 26.9803



51.9036, 52.1089, 58.9540



22.3820, 20.6581, 33.3798



11.6853, 11.6887, 13.2623



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5113, 21.8997, 26.9803



42.5457, 36.5233, 46.1849



23.3599, 21.4391, 20.9171



6.3420, 6.2759, 7.1809



12.1665, 6.1208, 7.4015



0.2002, 0.0988, 0.2073

Inverse Universe

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



24.5113, 21.8997, 26.9803



42.5457, 36.5233, 46.1849



24.8520, 29.3088, 34.1609



6.3420, 6.2759, 7.1809



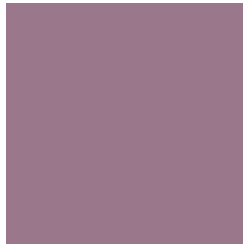
12.1665, 6.1208, 7.4015



0.2002, 0.0988, 0.2073

Previews

White Background



This preview shows how the XYZ color 24.5107, 21.8987, 26.9798 looks on a white background.

Color Contrast Check

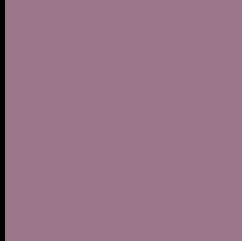
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5107, 21.8987, 26.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

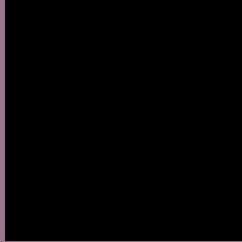
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5107, 21.8987, 26.9798

Background



This preview shows how black text looks on a background with the XYZ color 24.5107, 21.8987, 26.9798.



This preview shows how white text looks on a background with the XYZ color 24.5107, 21.8987,

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

24.5107, 21.8987, 26.9798

Protanopia

21.5056, 21.9640, 29.4916

Deuteranopia

22.3302, 21.8766, 26.7126



Tritanopia

23.8826, 21.8170, 24.0714

Trichromacy



Original Color

24.5107, 21.8987, 26.9798

Protanomaly

22.5326, 21.9386, 28.6382

Deuteranomaly

23.0999, 21.9014, 26.6768

Tritanomaly

24.0870, 21.8987, 25.1477

Monochromacy



Original Color

24.5107, 21.8987, 26.9798

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7077, 22.4754, 25.6956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5107, 21.8987, 26.9798 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(154, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(154, 119, 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(154, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 119, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.5107, 21.8987, 26.9798 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(154, 119, 138) }
```


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

```
.border{ border-color:rgb(154, 119, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 119, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(154, 119,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5107, 21.8987, 26.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 119, 138) }
```

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

```
.background{ background-color: rgb(154,  
119, 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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