

Converting Colors

XYZ(26.1512, 22.6631, 21.2507)

Have a look what the booklet for
XYZ(26.1512, 22.6631, 21.2507)
contains.

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Color

**XYZ(26.1397, 22.6868,
21.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	A8767A
RGB	168, 118, 122
RGB Percent	66%, 46%, 48%
CMY	0.3412, 0.5372, 0.5216
CMYK	0.00, 0.30, 0.27, 0.34
HSL	355°, 22%, 56%
HSV	355°, 30%, 66%
XYZ	26.1397, 22.6868, 21.4136
YIQ	133.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

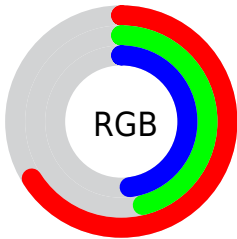
Format	Color
R_{YB}	168, 118, 122
Decimal	11040378
CIE _{Lab}	54.75, 20.21, 5.67
CIE _{LCh}	55, 20.987, 15.682
Yxy	22.6868, 0.3721, 0.3230
Android (android.graphics.Color)	4289230458 (0xFFA8767A)
YUV	133.4060, -5.6232, 30.3389
Hunter-Lab	47.6307, 14.6071, 6.6861

Details

The XYZ color **26.1397, 22.6868, 21.4136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1756, 34.5376, 40.3051**, and the grayscale version is **22.4555, 23.6249, 25.7275**.

A 20% lighter version of the original color is **52.9434, 48.0291, 46.5245**, and **10.4010, 8.3821, 7.3731** is the 20% darker color. If you saturate the color by 10%, you get **23.4519, 18.7239, 16.1624**, and if you desaturate by 10%, it is **29.3334, 27.4175, 27.5855**.

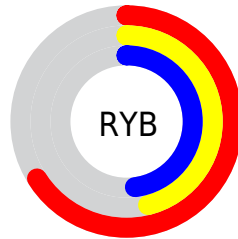
Distribution



Red (66%)

Green (46%)

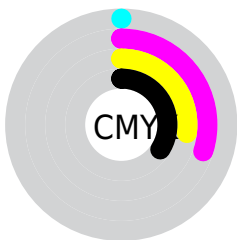
Blue (48%)



Red (66%)

Yellow (46%)

Blue (48%)

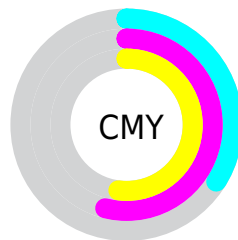


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (34%)



Cyan (34%)


Magenta (54%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1397, 22.6868, 21.4136 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 26.1397, 22.6868, 21.4136 by changing the saturation by 10% instead.


 26.1397, 22.6868,
21.4136


 26.1397, 22.6868,
21.4136


275.7113,
266.1122, 272.3213


 17.0614, 14.3624,
13.2325


 52.9299, 47.8785,
46.6646

 10.3739, 8.3732,
7.4562


 71.3726, 65.5147,
64.5715

 5.7117, 4.3346,
3.6663

 93.6674, 87.0235,
86.5574

 2.7096, 1.8625,
1.4441

120.1797,
112.7895, 113.0409

 1.0021, 0.5257,
0.1758

151.2749,
143.1969, 144.4405

 0.0000, 0.0000,
0.0000

187.3183,

178.6303, 181.1748

228.6754,
219.4739, 223.6622

■ 26.1397, 22.6868,
21.4136

■ 26.1397, 22.6868,
21.4136

■ 23.4519, 18.7239,
16.1624

■ 29.3334, 27.4175,
27.5855

■ 21.2423, 15.4853,
11.7865

■ 33.0553, 32.9502,
34.7180

■ 19.4834, 12.9280,
8.2386

■ 37.3285, 39.3207,
42.8500

■ 18.1440, 11.0035,
5.4665

■ 42.1740, 46.5618,
52.0180

■ 17.1888, 9.6564,
3.4119

■ 47.6121, 54.7047,
62.2568

■ 16.5771, 8.8221,
2.0083

■ 53.6617, 63.7789,
73.5994

■ 16.2308, 8.3648,
1.1675

■ 60.3412, 73.8126,
86.0773

■ 16.2239, 8.3550,
1.1530

■ 67.6680, 84.8327,
99.7211

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



26.1709, 22.6868, 27.9914



26.1397, 22.6868, 21.4136



24.8254, 22.6868, 16.6566

Triad

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



26.1397, 22.6868, 21.4136



18.5321, 22.6868, 16.8220



20.4807, 22.6868, 39.2302

Complementary

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



26.1397, 22.6868, 21.4136



28.1756, 34.5376, 40.3051

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.



18.5999, 22.6868, 34.9934



26.1397, 22.6868, 21.4136



17.5307, 22.6868, 21.6811

Square

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



26.1397, 22.6868, 21.4136



20.3820, 22.6868, 14.3476



17.5546, 22.6868, 28.3111



22.7890, 22.6868, 39.1234

Rectangle

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



26.1397, 22.6868, 21.4136



23.4489, 22.6868, 14.8097



17.5546, 22.6868, 28.3111



19.7812, 22.6868, 38.2378

Sweetspot

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



26.1403, 22.6879, 21.4141



60.4162, 60.4367, 63.8264



28.8224, 23.6599, 40.0936



12.9470, 12.8435, 13.4892



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1403, 22.6879, 21.4141



43.9734, 36.0619, 32.1083



28.6276, 28.0507, 21.0463



7.5545, 7.5517, 7.9715



12.2599, 6.3127, 0.9145



0.3056, 0.1565, 0.0609

Inverse Universe

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



26.1403, 22.6879, 21.4141



43.9734, 36.0619, 32.1083



24.9996, 27.5989, 41.0554



7.5545, 7.5517, 7.9715



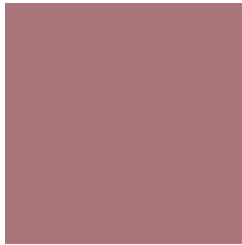
12.2599, 6.3127, 0.9145



0.3056, 0.1565, 0.0609

Previews

White Background



This preview shows how the XYZ color 26.1397, 22.6868, 21.4136 looks on a white background.

Color Contrast Check

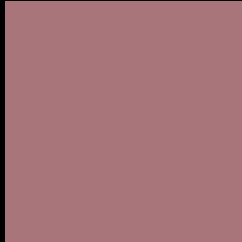
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1397, 22.6868, 21.4136 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 26.1397, 22.6868, 21.4136

Background



This preview shows how black text looks on a background with the XYZ color 26.1397, 22.6868, 21.4136.



This preview shows how white text looks on a background with the XYZ color 26.1397, 22.6868,

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

26.1397, 22.6868, 21.4136

Protanopia

21.9103, 22.8859, 24.0315

Deuteranopia

23.1923, 22.8307, 20.9537



Tritanopia

26.2756, 22.5538, 22.7071

Trichromacy



Original Color

26.1397, 22.6868, 21.4136

Protanomaly

23.0808, 22.5391, 22.8726

Deuteranomaly

24.1764, 22.7643, 21.2089

Tritanomaly

26.2114, 22.5281, 22.3689

Monochromacy



Original Color

26.1397, 22.6868, 21.4136

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5357, 23.1343, 23.9938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1397, 22.6868, 21.4136 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(168, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 122)  
}
```

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(168, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.1397, 22.6868, 21.4136 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(168, 118, 122) }
```


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

```
.border{ border-color:rgb(168, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(168, 118,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1397, 22.6868, 21.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 122) }
```

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

```
.background{ background-color: rgb(168,  
118, 122) }
```

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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