

Converting Colors

XYZ(26.8988, 27.1215, 23.1202)

Have a look what the booklet for
XYZ(26.8988, 27.1215, 23.1202)
contains.

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Color

**XYZ(26.8389, 27.1140,
23.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8B7D
RGB	157, 139, 125
RGB Percent	62%, 55%, 49%
CMY	0.3843, 0.4549, 0.5098
CMYK	0.00, 0.11, 0.20, 0.38
HSL	26°, 14%, 55%
HSV	26°, 20%, 62%
XYZ	26.8389, 27.1140, 23.2210
YIQ	142.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

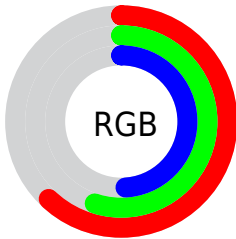
Format	Color
RYB	157, 150, 125
Decimal	10324861
CIELab	59.08, 4.41, 9.96
CIELCh	59, 10.889, 66.112
Yxy	27.1140, 0.3478, 0.3513
Android (android.graphics.Color)	4288514941 (0xFF9D8B7D)
YUV	142.7860, -8.7685, 12.4657
Hunter-Lab	52.0711, 0.8794, 10.0095

Details

The XYZ color **26.8389, 27.1140, 23.2210** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3655, 26.4385, 35.7174**, and the grayscale version is **26.0533, 27.4101, 29.8496**.

A 20% lighter version of the original color is **54.0369, 54.9107, 49.8702**, and **10.7026, 10.6698, 8.3329** is the 20% darker color. If you saturate the color by 10%, you get **24.6871, 24.2904, 17.9405**, and if you desaturate by 10%, it is **29.2540, 30.2100, 29.3721**.

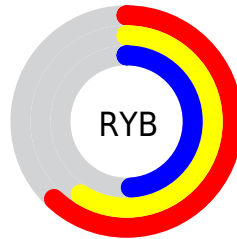
Distribution



Red (62%)

Green (55%)

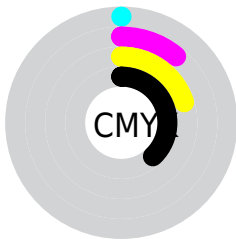
Blue (49%)



Red (62%)

Yellow (59%)

Blue (49%)

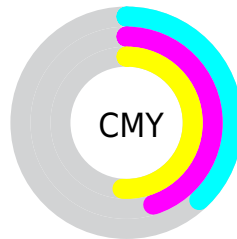


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8389, 27.1140, 23.2210 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 26.8389, 27.1140, 23.2210 by changing the saturation by 10% instead.

■ 26.8389, 27.1140,
23.2210

■ 26.8389, 27.1140,
23.2210

279.0580,
288.2087, 282.0167

■ 17.5882, 17.6589,
14.5499

■ 54.0470, 55.0667,
49.6837

■ 10.7527, 10.7053,
8.3610

■ 72.7351, 74.3331,
68.3125

■ 5.9668, 5.8691,
4.2358

■ 95.2997, 97.6387,
91.0976

■ 2.8654, 2.7656,
1.7556

122.1062,
125.3679, 118.4575

■ 1.0830, 1.0106,
0.3984

153.5199,
157.9051, 150.8109

■ 0.0108, 0.0000,
0.0000

189.9062,

■ 0.0000, 0.0000,

195.6347, 188.5762

0.0000

231.6305,
238.9411, 232.1719

■ 26.8389, 27.1140,
23.2210

■ 26.8389, 27.1140,
23.2210

■ 24.6871, 24.2904,
17.9405

■ 29.2540, 30.2100,
29.3721

■ 22.7865, 21.7278,
13.4890

■ 31.9396, 33.5822,
36.4295

■ 21.1274, 19.4191,
9.8239

■ 34.9050, 37.2391,
44.4289

■ 19.6984, 17.3555,
6.8981

■ 38.1588, 41.1874,
53.4035

■ 18.4870, 15.5278,
4.6596

■ 41.7090, 45.4337,
63.3849

■ 17.4793, 13.9257,
3.0493

■ 45.5631, 49.9846,
74.4034

■ 16.6593, 12.5382,
1.9978

■ 49.7286, 54.8462,
86.4879

■ 16.0146, 11.3880,
1.3540

■ 54.2126, 60.0244,
99.6662

■ 57.1484, 64.7756,
104.0986

Harmonies

Analogous

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



27.9303, 27.1140, 25.3457



26.8389, 27.1140, 23.2210



25.4951, 27.1140, 22.7170

Triad

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



26.8389, 27.1140, 23.2210



23.2700, 27.1140, 30.3229



27.3348, 27.1140, 35.9596

Complementary

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



26.8389, 27.1140, 23.2210



24.3655, 26.4385, 35.7174

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.



26.0490, 27.1140, 37.5673



26.8389, 27.1140, 23.2210



23.7261, 27.1140, 34.1347

Square

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



26.8389, 27.1140, 23.2210



23.4649, 27.1140, 26.6072



24.7319, 27.1140, 36.8719



28.2235, 27.1140, 32.6434

Rectangle

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



26.8389, 27.1140, 23.2210



24.6430, 27.1140, 23.3253



24.7319, 27.1140, 36.8719



26.9330, 27.1140, 36.7304

Sweetspot

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



26.8396, 27.1152, 23.2216



54.3823, 56.6178, 57.7919



26.2065, 23.8229, 29.2569



11.9049, 12.3809, 12.5554



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.



26.8396, 27.1152, 23.2216



46.4383, 46.4386, 37.5439



29.3057, 32.0473, 24.0436



6.8599, 7.0998, 6.9945



13.0425, 9.3205, 1.1116



0.2746, 0.2494, 0.0337

Inverse Universe

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



24.3655, 26.4385, 35.7174



41.2703, 45.0241, 63.6421



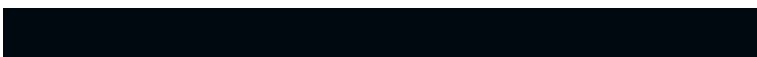
22.1502, 22.0079, 34.9789



6.5786, 7.0230, 8.4155



7.8342, 7.7600, 26.9922



0.1818, 0.2221, 0.4965

Previews

White Background



This preview shows how the XYZ color 26.8389, 27.1140, 23.2210 looks on a white background.

Color Contrast Check

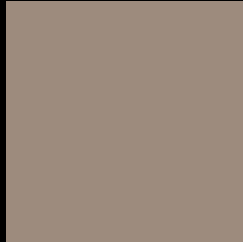
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8389, 27.1140, 23.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

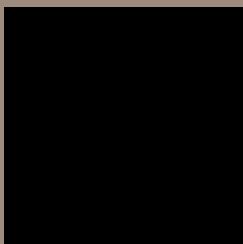
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

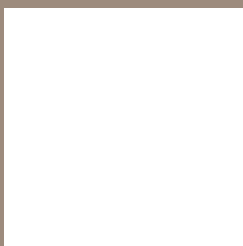
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8389, 27.1140, 23.2210

Background



This preview shows how black text looks on a background with the XYZ color 26.8389, 27.1140, 23.2210.



This preview shows how white text looks on a background with the XYZ color 26.8389, 27.1140,

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

26.8389, 27.1140, 23.2210

Protanopia

25.6516, 27.1483, 23.6268

Deuteranopia

27.5476, 27.0534, 23.1719



Tritanopia

28.4897, 27.1572, 30.9344

Trichromacy



Original Color

26.8389, 27.1140, 23.2210

Protanomaly

26.0533, 27.1354, 23.6032

Deuteranomaly

27.2874, 27.1312, 23.2007

Tritanomaly

27.8312, 27.0972, 27.8082

Monochromacy



Original Color

26.8389, 27.1140, 23.2210

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3297, 27.4195, 27.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8389, 27.1140, 23.2210 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(157, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(157, 139, 125)  
}
```

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(157, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 139, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.8389, 27.1140, 23.2210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

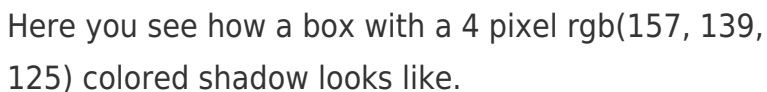
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 139, 125) }
```


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

```
.border{ border-color:rgb(157, 139, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(157, 139,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8389, 27.1140, 23.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 139, 125) }
```

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

```
.background{ background-color: rgb(157,  
139, 125) }
```

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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