

Converting Colors

XYZ(26.3349, 22.9298, 20.6711)

Have a look what the booklet for
XYZ(26.3349, 22.9298, 20.6711)
contains.

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Color

**XYZ(26.3492, 22.9847,
20.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	A97778
RGB	169, 119, 120
RGB Percent	66%, 47%, 47%
CMY	0.3373, 0.5333, 0.5294
CMYK	0.00, 0.30, 0.29, 0.34
HSL	359°, 23%, 56%
HSV	359°, 30%, 66%
XYZ	26.3492, 22.9847, 20.8170
YIQ	134.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

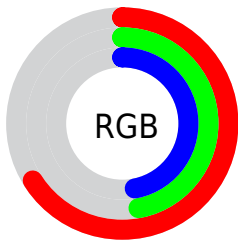
Format	Color
R_{YB}	169, 119, 120
Decimal	11106168
CIE _{Lab}	55.06, 19.74, 7.29
CIE _{LCh}	55, 21.048, 20.278
Yxy	22.9847, 0.3756, 0.3276
Android (android.graphics.Color)	4289296248 (0xFFA97778)
YUV	134.0640, -6.9336, 30.6389
Hunter-Lab	47.9424, 14.2048, 7.8154

Details


The XYZ color **26.3492, 22.9847, 20.8170** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8646, 35.1256, 42.3063**, and the grayscale version is **22.7011, 23.8833, 26.0089**.

A 20% lighter version of the original color is **53.2503, 48.4912, 45.5829**, and **10.5623, 8.5612, 7.2267** is the 20% darker color. If you saturate the color by 10%, you get **23.5941, 18.9464, 15.3609**, and if you desaturate by 10%, it is **29.6371, 27.8101, 27.3091**.

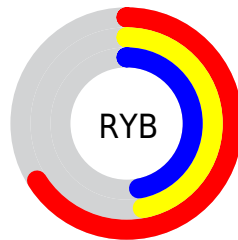
Distribution



 Red (66%)

 Green (47%)

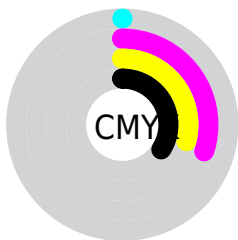
 Blue (47%)




 Red (66%)

 Yellow (47%)

 Blue (47%)

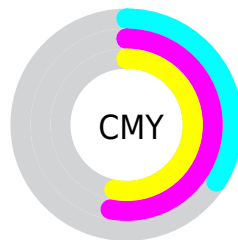



 Cyan (0%)

 Magenta (30%)

 Yellow (29%)

 Black (34%)



 Cyan (34%)


 Magenta (53%)


 Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3492, 22.9847, 20.8170 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 26.3492, 22.9847, 20.8170 by changing the saturation by 10% instead.

 26.3492, 22.9847,
20.8170


 26.3492, 22.9847,
20.8170


276.7175,
267.6464, 269.0534


 17.2191, 14.5822,
12.8004


 53.2651, 48.3682,
45.6596

 10.4871, 8.5267,
7.1621


 71.7815, 66.1180,
63.3226

 5.7878, 4.4338,
3.4837


 94.1575, 87.7524,
85.0382

 2.7559, 1.9191,
1.3466

120.7584,
113.6557, 111.2249

 1.0260, 0.5598,
0.0995

151.9494,
144.2124, 142.3012

 0.0000, 0.0000,
0.0000

188.0960,

179.8068, 178.6857

229.5636,
220.8233, 220.7969

■ 26.3492, 22.9847,
20.8170

■ 26.3492, 22.9847,
20.8170

■ 23.5941, 18.9464,
15.3609

■ 29.6371, 27.8101,
27.3091

■ 21.3421, 15.6503,
10.8859

■ 33.4818, 33.4576,
34.8853

■ 19.5632, 13.0523,
7.3343

■ 37.9081, 39.9643,
43.5927

■ 18.2238, 11.1022,
4.6415

■ 42.9387, 47.3640,
53.4748

■ 17.2857, 9.7429,
2.7350

■ 48.5952, 55.6886,
64.5731

■ 16.7041, 8.9077,
1.5302

■ 54.8980, 64.9685,
76.9269

■ 16.3922, 8.4592,
0.8854

■ 61.8667, 75.2327,
90.5740

■ 16.3807, 8.4425,
0.8629

■ 69.5200, 86.5090,
105.5502

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



26.5929, 22.9847, 27.2685



26.3492, 22.9847, 20.8170



24.8528, 22.9847, 16.3586

Triad

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



26.3492, 22.9847, 20.8170



18.5620, 22.9847, 17.6552



21.0945, 22.9847, 40.0143

Complementary

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



26.3492, 22.9847, 20.8170



28.8646, 35.1256, 42.3063

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.



19.0925, 22.9847, 36.3162



26.3492, 22.9847, 20.8170



17.7010, 22.9847, 22.9107

Square

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



26.3492, 22.9847, 20.8170



20.3222, 22.9847, 14.7722



17.8880, 22.9847, 29.7682



23.4446, 22.9847, 39.1804

Rectangle

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



26.3492, 22.9847, 20.8170



23.4017, 22.9847, 14.7421



17.8880, 22.9847, 29.7682



20.3614, 22.9847, 39.2381

Sweetspot

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



26.3498, 22.9858, 20.8175



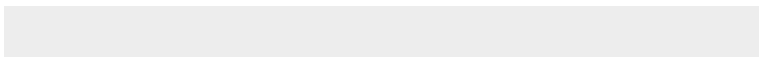
60.2772, 60.3812, 63.0947



29.7658, 24.3111, 40.6600



12.9128, 12.8298, 13.3088



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.



26.3498, 22.9858, 20.8175



43.6103, 35.9166, 30.1961



29.4153, 29.2131, 21.5424



7.5369, 7.5446, 7.8788



12.2108, 6.2930, 0.6558



0.2989, 0.1538, 0.0256

Inverse Universe

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



26.3498, 22.9858, 20.8175



43.6103, 35.9166, 30.1961



24.9977, 27.2426, 41.4772



7.5369, 7.5446, 7.8788



12.2108, 6.2930, 0.6558



0.2989, 0.1538, 0.0256

Previews

White Background



This preview shows how the XYZ color 26.3492, 22.9847, 20.8170 looks on a white background.

Color Contrast Check

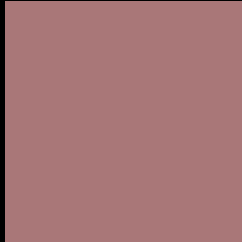
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3492, 22.9847, 20.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

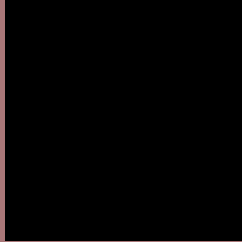
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3492, 22.9847, 20.8170

Background



This preview shows how black text looks on a background with the XYZ color 26.3492, 22.9847, 20.8170.



This preview shows how white text looks on a background with the XYZ color 26.3492, 22.9847,

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

26.3492, 22.9847, 20.8170

Protanopia

22.2354, 23.2691, 23.3981

Deuteranopia

23.4371, 22.9708, 20.3381



Tritanopia

26.8868, 23.0352, 23.1078

Trichromacy



Original Color

26.3492, 22.9847, 20.8170

Protanomaly

23.4402, 22.9299, 22.2593

Deuteranomaly

24.4421, 22.9153, 20.5876

Tritanomaly

26.6941, 22.9582, 22.0932

Monochromacy



Original Color

26.3492, 22.9847, 20.8170

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8453, 23.4885, 24.0458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3492, 22.9847, 20.8170 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(169, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(169, 119, 120)  
}
```

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(169, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.3492, 22.9847, 20.8170 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(169, 119, 120) }
```


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

```
.border{ border-color:rgb(169, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(169, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3492, 22.9847, 20.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 119, 120) }
```

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

```
.background{ background-color: rgb(169,  
119, 120) }
```

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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