

Converting Colors

XYZ(26.5787, 24.0378, 22.4115)

Have a look what the booklet for
XYZ(26.5787, 24.0378, 22.4115)
contains.

XYZ(26.5716, 23.9775, 22.2964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5716, 23.9775,
22.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	A67C7C
RGB	166, 124, 124
RGB Percent	65%, 49%, 49%
CMY	0.3490, 0.5137, 0.5137
CMYK	0.00, 0.25, 0.25, 0.35
HSL	0°, 19%, 57%
HSV	0°, 25%, 65%
XYZ	26.5716, 23.9775, 22.2964
YIQ	136.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

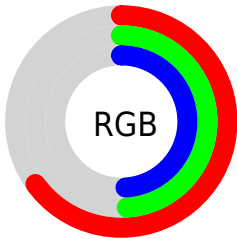
Format	Color
R _{YB}	166, 124, 124
Decimal	10910844
CIE Lab	56.07, 16.31, 6.37
CIE LCh	56, 17.509, 21.323
Yxy	23.9775, 0.3648, 0.3292
Android (android.graphics.Color)	4289100924 (0xFFA67C7C)
YUV	136.5580, -6.1911, 25.8206
Hunter-Lab	48.9668, 11.1702, 7.2799

Details

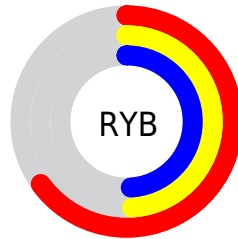
The XYZ color **26.5716, 23.9775, 22.2964** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8309, 34.3097, 41.1794**, and the grayscale version is **23.6277, 24.8581, 27.0705**.

A 20% lighter version of the original color is **53.6828, 50.1085, 47.9168**, and **10.5961, 9.0509, 7.8451** is the 20% darker color. If you saturate the color by 10%, you get **23.7010, 19.7771, 16.5889**, and if you desaturate by 10%, it is **29.9704, 28.9511, 29.0524**.

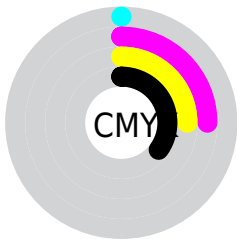
Distribution



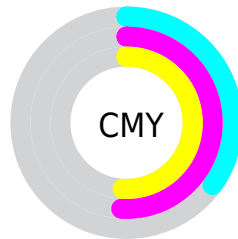
- Red (65%)
- Green (49%)
- Blue (49%)



- Red (65%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5716, 23.9775, 22.2964 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 26.5716, 23.9775, 22.2964 by changing the saturation by 10% instead.


 26.5716, 23.9775,
22.2964


 26.5716, 23.9775,
22.2964


277.7824,
272.7067, 277.0941


 17.3867, 15.3169,
13.8745


 53.6204, 49.9935,
48.1439

 10.6076, 9.0421,
7.8956


 72.2150, 68.1177,
66.4064

 5.8689, 4.7687,
3.9414

 94.6768, 90.1652,
88.7863

 2.8055, 2.1122,
1.5933

121.3713,
116.5205, 115.7020

 1.0517, 0.6715,
0.2860

152.6637,
147.5679, 147.5721

 0.0000, 0.0000,
0.0000

188.9195,

183.6918, 184.8152

230.5039,
225.2766, 227.8496

■ 26.5716, 23.9775,
22.2964

■ 26.5716, 23.9775,
22.2964

■ 23.7010, 19.7771,
16.5889

■ 29.9704, 28.9511,
29.0524

■ 21.3303, 16.3081,
11.8761

■ 33.9200, 34.7304,
36.9042

■ 19.4314, 13.5295,
8.1014

■ 38.4440, 41.3503,
45.8979

■ 17.9730, 11.3953,
5.2022

■ 43.5641, 48.8423,
56.0767

■ 16.9195, 9.8537,
3.1081

■ 49.3008, 57.2366,
67.4815

■ 16.2302, 8.8450,
1.7380

■ 55.6738, 66.5619,
80.1510

■ 15.8535, 8.2937,
0.9893

■ 62.7016, 76.8454,
94.1227

■ 15.7261, 8.1073,
0.7360

■ 69.5359, 86.8470,
107.7060

Harmonies

Analogous

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



26.8157, 23.9775, 27.8082



26.5716, 23.9775, 22.2964



25.2840, 23.9775, 18.4044

Triad

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



26.5716, 23.9775, 22.2964



19.9118, 23.9775, 19.7997



22.2134, 23.9775, 38.6082

Complementary

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



26.5716, 23.9775, 22.2964



28.8309, 34.3097, 41.1794

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.



20.4654, 23.9775, 35.7061



26.5716, 23.9775, 22.2964



19.1886, 23.9775, 24.4774

Square

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



26.5716, 23.9775, 22.2964



21.4171, 23.9775, 17.1167



19.3852, 23.9775, 30.3297



24.2201, 23.9775, 37.7973

Rectangle

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



26.5716, 23.9775, 22.2964



24.0464, 23.9775, 16.9856



19.3852, 23.9775, 30.3297



21.5779, 23.9775, 38.0207

Sweetspot

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



26.5723, 23.9786, 22.2969



59.4157, 59.8924, 62.7116



29.8167, 25.2757, 39.3837



13.0562, 13.0517, 13.5567



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.



26.5723, 23.9786, 22.2969



45.3705, 39.3404, 34.7900



29.4896, 29.8132, 23.2693



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



28.8309, 34.3097, 41.1794



50.1365, 61.1400, 74.6340



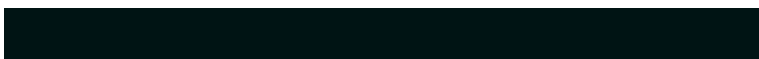
25.3207, 27.2893, 40.0093



7.7475, 8.5320, 9.6568



15.9098, 23.2798, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 26.5716, 23.9775, 22.2964 looks on a white background.

Color Contrast Check

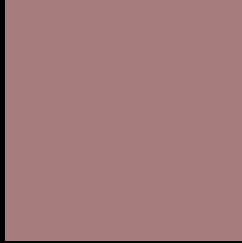
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5716, 23.9775, 22.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

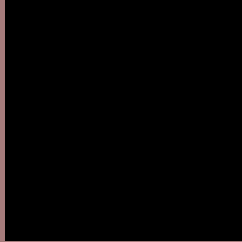
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5716, 23.9775, 22.2964

Background



This preview shows how black text looks on a background with the XYZ color 26.5716, 23.9775, 22.2964.



This preview shows how white text looks on a background with the XYZ color 26.5716, 23.9775,

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

26.5716, 23.9775, 22.2964

Protanopia

22.9688, 24.0384, 24.1982

Deuteranopia

24.5067, 24.0707, 22.0934



Tritanopia

27.1842, 24.0474, 25.0386

Trichromacy



Original Color

26.5716, 23.9775, 22.2964

Protanomaly

24.0261, 23.7935, 23.4050

Deuteranomaly

25.1990, 24.0365, 22.0503

Tritanomaly

26.9818, 23.9664, 23.9728

Monochromacy



Original Color

26.5716, 23.9775, 22.2964

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6289, 24.4644, 25.2538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5716, 23.9775, 22.2964 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(166, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 124)  
}
```

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(166, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.5716, 23.9775, 22.2964 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(166, 124, 124) }
```


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

```
.border{ border-color:rgb(166, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5716, 23.9775, 22.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 124) }
```

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

```
.background{ background-color: rgb(166,  
124, 124) }
```

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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