

Converting Colors

XYZ(26.8362, 22.8198, 21.3518)

Have a look what the booklet for
XYZ(26.8362, 22.8198, 21.3518)
contains.

XYZ(26.8874, 22.8984, 21.4151)	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(26.8874, 22.8984,
21.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	AC757A
RGB	172, 117, 122
RGB Percent	67%, 46%, 48%
CMY	0.3255, 0.5412, 0.5216
CMYK	0.00, 0.32, 0.29, 0.33
HSL	355°, 25%, 57%
HSV	355°, 32%, 67%
XYZ	26.8874, 22.8984, 21.4151
YIQ	134.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

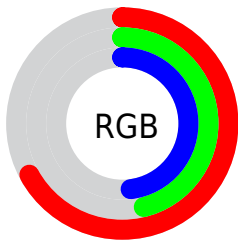
Format	Color
R_{YB}	172, 117, 122
Decimal	11302266
CIE _{Lab}	54.97, 22.33, 6.05
CIE _{LCh}	55, 23.136, 15.153
Yxy	22.8984, 0.3776, 0.3216
Android (android.graphics.Color)	4289492346 (0xFFAC757A)
YUV	134.0150, -5.9234, 33.3128
Hunter-Lab	47.8523, 16.5547, 6.9628

Details

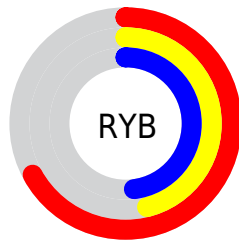
The XYZ color **26.8874, 22.8984, 21.4151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0647, 36.0775, 41.9928**, and the grayscale version is **22.6791, 23.8602, 25.9838**.

A 20% lighter version of the original color is **54.3278, 48.4635, 46.5354**, and **10.7409, 8.4668, 7.3715** is the 20% darker color. If you saturate the color by 10%, you get **24.1722, 18.8958, 16.1082**, and if you desaturate by 10%, it is **30.1280, 27.7020, 27.6668**.

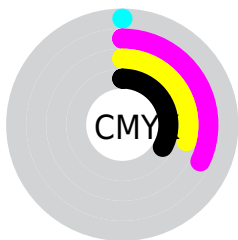
Distribution



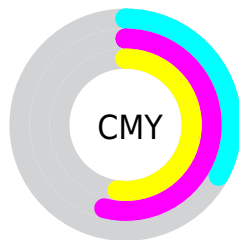
- Red (67%)
- Green (46%)
- Blue (48%)



- Red (67%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (33%)





- Cyan (33%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8874, 22.8984, 21.4151 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 26.8874, 22.8984, 21.4151 by changing the saturation by 10% instead.


 26.8874, 22.8984,
21.4151


 26.8874, 22.8984,
21.4151


279.2890,
267.2027, 272.3295


 17.6248, 14.5185,
13.2336


 54.1243, 48.2264,
46.6671

 10.7790, 8.4822,
7.4570


 72.8293, 65.9434,
64.5746

 5.9846, 4.4050,
3.6667


 95.4125, 87.5415,
86.5612

 2.8763, 1.9026,
1.4444

122.2393,
113.4051, 113.0455

 1.0887, 0.5499,
0.1760

153.6750,
143.9186, 144.4459

 0.0156, 0.0000,
0.0000

190.0849,

 0.0000, 0.0000,

179.4665, 181.1810

0.0000

231.8345,
220.4330, 223.6694

■ 26.8874, 22.8984,
21.4151

■ 26.8874, 22.8984,
21.4151

■ 24.1722, 18.8958,
16.1082

■ 30.1280, 27.7020,
27.6668

■ 21.9529, 15.6475,
11.6989

■ 33.9177, 33.3434,
34.9048

■ 20.1999, 13.1071,
8.1378

■ 38.2811, 39.8610,
43.1697


■ 18.8798, 11.2218,
5.3703


■ 43.2406, 47.2901,
52.4994


■ 17.9545, 9.9313,
3.3352


■ 48.8176, 55.6637,
62.9300


 17.3794, 9.1642,
1.9626

 55.0323, 65.0134,
74.4957

 17.1040, 8.8070,
1.2741

 61.9040, 75.3694,
87.2294

 69.4512, 86.7603,
101.1626

 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



26.8953, 22.8984, 28.7348



26.8874, 22.8984, 21.4151



25.4359, 22.8984, 16.1892

Triad

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



26.8874, 22.8984, 21.4151



18.4473, 22.8984, 16.2294



20.5232, 22.8984, 41.2545

Complementary

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



26.8874, 22.8984, 21.4151



29.0647, 36.0775, 41.9928

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.



18.4641, 22.8984, 36.3644



26.8874, 22.8984, 21.4151



17.3312, 22.8984, 21.4813

Square

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



26.8874, 22.8984, 21.4151



20.4987, 22.8984, 13.6210



17.3371, 22.8984, 28.8153



23.0809, 22.8984, 41.2271

Rectangle

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



26.8874, 22.8984, 21.4151



23.9060, 22.8984, 14.1746



17.3371, 22.8984, 28.8153



19.7544, 22.8984, 40.0946

Sweetspot

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



26.8880, 22.8995, 21.4156



62.8747, 62.4931, 65.8744



29.6393, 23.8634, 42.0737



13.4427, 13.2509, 13.8954



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.8880, 22.8995, 21.4156



45.3724, 36.5163, 32.2093



29.4575, 28.5212, 20.7836



8.0337, 8.0267, 8.4883



12.7377, 6.5576, 0.9982



0.3636, 0.1861, 0.0766

Inverse Universe

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



26.8880, 22.8995, 21.4156



45.3724, 36.5163, 32.2093



25.6898, 28.5741, 43.1911



8.0337, 8.0267, 8.4883



12.7377, 6.5576, 0.9982



0.3636, 0.1861, 0.0766

Previews

White Background



This preview shows how the XYZ color 26.8874, 22.8984, 21.4151 looks on a white background.

Color Contrast Check

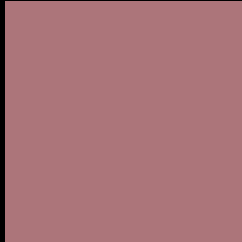
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8874, 22.8984, 21.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

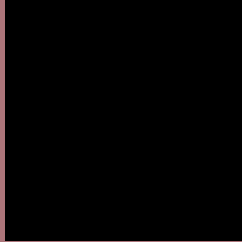
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8874, 22.8984, 21.4151

Background



This preview shows how black text looks on a background with the XYZ color 26.8874, 22.8984, 21.4151.



This preview shows how white text looks on a background with the XYZ color 26.8874, 22.8984,

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

26.8874, 22.8984, 21.4151

Protanopia

22.1372, 22.9952, 24.3909

Deuteranopia

23.3740, 22.9244, 20.9622



Tritanopia

26.9603, 22.7421, 22.3707

Trichromacy



Original Color

26.8874, 22.8984, 21.4151

Protanomaly

23.5044, 22.7499, 23.2310

Deuteranomaly

24.4388, 22.7145, 21.1854

Tritanomaly

26.8967, 22.7167, 22.0359

Monochromacy



Original Color

26.8874, 22.8984, 21.4151

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.9612, 23.3459, 24.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8874, 22.8984, 21.4151 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(172, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(172, 117, 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(172, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 117, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.8874, 22.8984, 21.4151 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(172, 117, 122) }
```


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

```
.border{ border-color:rgb(172, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(172, 117,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8874, 22.8984, 21.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 117, 122) }
```

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

```
.background{ background-color: rgb(172,  
117, 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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