

Converting Colors

XYZ(26.6781, 23.8433, 22.2740)

Have a look what the booklet for
XYZ(26.6781, 23.8433, 22.2740)
contains.

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Color

**XYZ(26.6574, 23.8366,
22.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	A77B7C
RGB	167, 123, 124
RGB Percent	65%, 48%, 49%
CMY	0.3451, 0.5176, 0.5137
CMYK	0.00, 0.26, 0.26, 0.35
HSL	359°, 20%, 57%
HSV	359°, 26%, 65%
XYZ	26.6574, 23.8366, 22.2647
YIQ	136.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

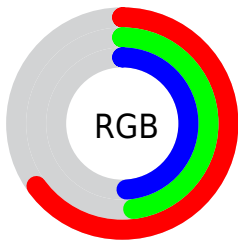
Format	Color
R _Y B	167, 123, 124
Decimal	10976124
CIE Lab	55.92, 17.27, 6.18
CIE LCh	56, 18.343, 19.684
Yxy	23.8366, 0.3664, 0.3276
Android (android.graphics.Color)	4289166204 (0xFFA77B7C)
YUV	136.2700, -6.0491, 26.9502
Hunter-Lab	48.8227, 12.0219, 7.1378

Details

The XYZ color **26.6574, 23.8366, 22.2647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8710, 34.6021, 41.2353**, and the grayscale version is **23.5186, 24.7434, 26.9456**.

A 20% lighter version of the original color is **53.7932, 49.8732, 47.8656**, and **10.6582, 8.9830, 7.8287** is the 20% darker color. If you saturate the color by 10%, you get **23.8116, 19.6623, 16.6382**, and if you desaturate by 10%, it is **30.0288, 28.7883, 28.9098**.

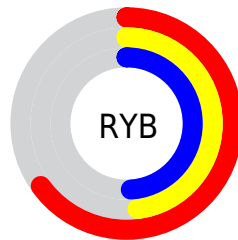
Distribution



Red (65%)

Green (48%)

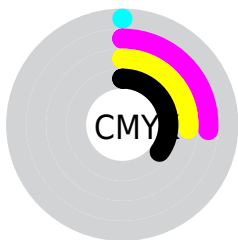
Blue (49%)



Red (65%)

Yellow (48%)

Blue (49%)

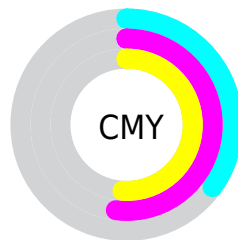


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6574, 23.8366, 22.2647 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 26.6574, 23.8366, 22.2647 by changing the saturation by 10% instead.


 26.6574, 23.8366,
22.2647


 26.6574, 23.8366,
22.2647

278.1924,
271.9933, 276.9240


 17.4513, 15.2125,
13.8514


 53.7574, 49.7634,
48.0909

 10.6541, 8.9686,
7.8798


 72.3820, 67.8349,
66.3408

 5.9003, 4.7207,
3.9315

 94.8769, 89.8243,
88.7067

 2.8246, 2.0844,
1.5878

121.6074,
116.1159, 115.6070

 1.0617, 0.6558,
0.2821

152.9388,
147.0943, 147.4604

 0.0000, 0.0000,
0.0000

189.2366,

183.1437, 184.6853

230.8659,
224.6486, 227.7003

■ 26.6574, 23.8366,
22.2647

■ 26.6574, 23.8366,
22.2647

■ 23.8116, 19.6623,
16.6382

■ 30.0288, 28.7883,
28.9098

■ 21.4631, 16.2227,
11.9787

■ 33.9483, 34.5505,
36.6189

■ 19.5839, 13.4765,
8.2321

■ 38.4395, 41.1584,
45.4362

■ 18.1425, 11.3765,
5.3386

■ 43.5241, 48.6443,
55.4032

■ 17.1036, 9.8699,
3.2311

■ 49.2225, 57.0386,
66.5591

■ 16.4262, 8.8955,
1.8327

■ 55.5543, 66.3703,
78.9414

■ 16.0561, 8.3694,
1.0492

■ 62.5381, 76.6673,
92.5857

■ 15.9572, 8.2238,
0.8550

■ 69.6779, 86.9281,
107.3551

■ 69.7464, 86.9555,
107.7158

Harmonies

Analogous

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



26.8473, 23.8366, 28.0717



26.6574, 23.8366, 22.2647



25.3588, 23.8366, 18.1254

Triad

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



26.6574, 23.8366, 22.2647



19.7259, 23.8366, 19.1926



21.9434, 23.8366, 39.0143

Complementary

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



26.6574, 23.8366, 22.2647



28.8710, 34.6021, 41.2353

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.



20.1523, 23.8366, 35.7636



26.6574, 23.8366, 22.2647



18.9253, 23.8366, 23.9456

Square

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



26.6574, 23.8366, 22.2647



21.3282, 23.8366, 16.5499



19.0765, 23.8366, 30.0299



24.0377, 23.8366, 38.3789

Rectangle

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



26.6574, 23.8366, 22.2647



24.0811, 23.8366, 16.5821



19.0765, 23.8366, 30.0299



21.2882, 23.8366, 38.3225

Sweetspot

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



26.6580, 23.8377, 22.2652



59.4612, 59.9101, 62.9528



29.6869, 25.0137, 39.8229



13.0679, 13.0563, 13.6191



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.



26.6580, 23.8377, 22.2652



44.4572, 37.8711, 33.3844



29.4149, 29.4518, 22.8747



7.5377, 7.5450, 7.8830



12.2130, 6.2939, 0.6674



0.2992, 0.1540, 0.0272

Inverse Universe

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



26.6580, 23.8377, 22.2652



44.4572, 37.8711, 33.3844



25.4953, 27.7039, 40.5631



7.5377, 7.5450, 7.8830



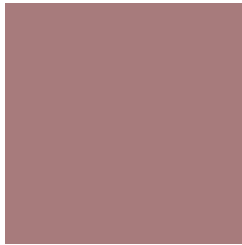
12.2130, 6.2939, 0.6674



0.2992, 0.1540, 0.0272

Previews

White Background



This preview shows how the XYZ color 26.6574, 23.8366, 22.2647 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 26.6574, 23.8366, 22.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

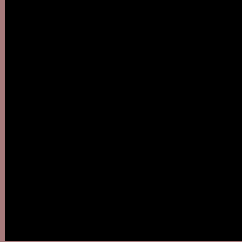
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6574, 23.8366, 22.2647

Background



This preview shows how black text looks on a background with the XYZ color 26.6574, 23.8366, 22.2647.



This preview shows how white text looks on a background with the XYZ color 26.6574, 23.8366,

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

26.6574, 23.8366, 22.2647

Protanopia

23.0356, 24.0652, 24.5500

Deuteranopia

24.5067, 24.0707, 22.0934



Tritanopia

27.2047, 23.8826, 24.6487

Trichromacy



Original Color

26.6574, 23.8366, 22.2647

Protanomaly

24.2733, 23.9133, 23.7585

Deuteranomaly

25.0692, 23.7769, 22.0070

Tritanomaly

27.0043, 23.8024, 23.5931

Monochromacy



Original Color

26.6574, 23.8366, 22.2647

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3138, 24.1016, 25.2004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6574, 23.8366, 22.2647 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(167, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 123, 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(167, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.6574, 23.8366, 22.2647 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(167, 123, 124) }
```


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

```
.border{ border-color:rgb(167, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6574, 23.8366, 22.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 123, 124) }
```

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

```
.background{ background-color: rgb(167,  
123, 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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