

Converting Colors

XYZ(24.7557, 22.8188, 23.8686)

Have a look what the booklet for
XYZ(24.7557, 22.8188, 23.8686)
contains.

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Color

**XYZ(24.7557, 22.8188,
23.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7B81
RGB	156, 123, 129
RGB Percent	61%, 48%, 51%
CMY	0.3882, 0.5176, 0.4941
CMYK	0.00, 0.21, 0.17, 0.39
HSL	349°, 14%, 55%
HSV	349°, 21%, 61%
XYZ	24.7557, 22.8188, 23.8686
YIQ	133.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

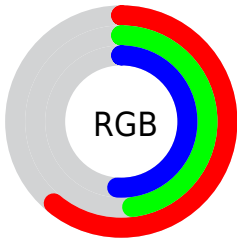
Format	Color
R_{YB}	156, 123, 129
Decimal	10255233
CIE _{Lab}	54.89, 13.77, 1.62
CIE _{LCh}	55, 13.868, 6.724
Yxy	22.8188, 0.3465, 0.3194
Android (android.graphics.Color)	4288445313 (0xFF9C7B81)
YUV	133.5510, -2.2436, 19.6878
Hunter-Lab	47.7690, 8.9096, 3.8131

Details

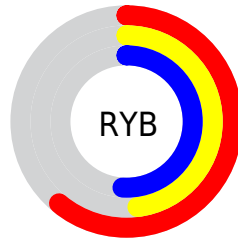
The XYZ color **24.7557, 22.8188, 23.8686** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5628, 30.1904, 33.3356**, and the grayscale version is **22.4993, 23.6710, 25.7777**.

A 20% lighter version of the original color is **50.8328, 48.2770, 50.8952**, and **9.6057, 8.4198, 8.7083** is the 20% darker color. If you saturate the color by 10%, you get **22.1764, 18.9342, 19.0810**, and if you desaturate by 10%, it is **27.7507, 27.3647, 29.3183**.

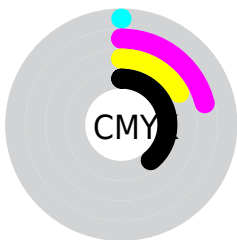
Distribution



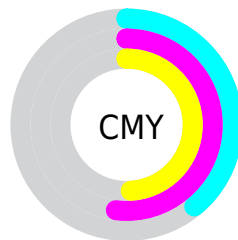
- Red (61%)
- Green (48%)
- Blue (51%)



- Red (61%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7557, 22.8188, 23.8686 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 24.7557, 22.8188, 23.8686 by changing the saturation by 10% instead.


 24.7557, 22.8188,
23.8686


 24.7557, 22.8188,
23.8686


268.9893,
266.7929, 285.4206


 16.0229, 14.4598,
15.0249

 50.7064, 48.0956,
50.7568

 9.6313, 8.4411,
8.6900

 68.6550, 65.7822,
69.6384

 5.2156, 4.3785,
4.4455


 90.4062, 87.3468,
92.7030

 2.4104, 1.8875,
1.8728

116.3254,
113.1737, 120.3692

 0.8503, 0.5408,
0.4753

146.7779,
143.6474, 153.0556

 0.0000, 0.0000,
0.0000

182.1292,

179.1522, 191.1805

222.7445,
220.0726, 235.1627

■ 24.7557, 22.8188,
23.8686

■ 24.7557, 22.8188,
23.8686

■ 22.1764, 18.9342,
19.0810

■ 27.7507, 27.3647,
29.3183

■ 19.9925, 15.6771,
14.9286

■ 31.1767, 32.5973,
35.4527

■ 18.1846, 13.0152,
11.3851

■ 35.0508, 38.5449,
42.2950

■ 16.7311, 10.9125,
8.4213

■ 39.3883, 45.2329,
49.8669

■ 15.6082, 9.3287,
6.0060

■ 44.2041, 52.6856,
58.1891

■ 14.7889, 8.2183,
4.1046

■ 49.5121, 60.9261,
67.2817

■ 14.2418, 7.5276,
2.6786

■ 55.3258, 69.9767,
77.1638

■ 13.9242, 7.1535,
1.7678

■ 61.6582, 79.8587,
87.8539

■ 65.7819, 85.1126,
98.4566

Harmonies

Analogous

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



24.5161, 22.8188, 28.3401



24.7557, 22.8188, 23.8686



24.1428, 22.8188, 20.1237

Triad

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



24.7557, 22.8188, 23.8686



19.9702, 22.8188, 18.6645



20.5424, 22.8188, 33.4533

Complementary

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



24.7557, 22.8188, 23.8686



25.5628, 30.1904, 33.3356

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.



19.4066, 22.8188, 30.2542



24.7557, 22.8188, 23.8686



19.0872, 22.8188, 21.6512

Square

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



24.7557, 22.8188, 23.8686



21.3446, 22.8188, 17.3571



18.8859, 22.8188, 25.8493



22.0362, 22.8188, 34.2276

Rectangle

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



24.7557, 22.8188, 23.8686



23.3496, 22.8188, 18.4243



18.8859, 22.8188, 25.8493



20.1082, 22.8188, 32.6089

Sweetspot

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



24.7563, 22.8198, 23.8691



53.4347, 54.3257, 58.6995



25.6529, 23.0466, 34.5491



11.6777, 11.8314, 12.7726



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.



24.7563, 22.8198, 23.8691



42.8386, 38.2381, 39.4309



25.7354, 25.3974, 22.2859



6.6799, 6.6649, 7.1652



11.4790, 5.8962, 1.5076



0.2172, 0.1102, 0.0897

Inverse Universe

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



24.7563, 22.8198, 23.8691



42.8386, 38.2381, 39.4309



24.3796, 27.0313, 35.3853



6.6799, 6.6649, 7.1652



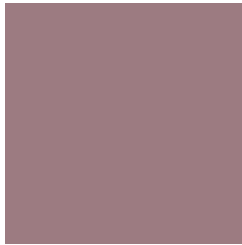
11.4790, 5.8962, 1.5076



0.2172, 0.1102, 0.0897

Previews

White Background



This preview shows how the XYZ color 24.7557, 22.8188, 23.8686 looks on a white background.

Color Contrast Check

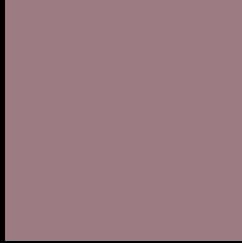
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7557, 22.8188, 23.8686 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 24.7557, 22.8188, 23.8686

Background



This preview shows how black text looks on a background with the XYZ color 24.7557, 22.8188, 23.8686.



This preview shows how white text looks on a background with the XYZ color 24.7557, 22.8188,

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

24.7557, 22.8188, 23.8686

Protanopia

22.0922, 22.9404, 25.8178

Deuteranopia

23.1627, 22.7570, 23.5938



Tritanopia

24.9581, 22.8998, 24.9345

Trichromacy



Original Color

24.7557, 22.8188, 23.8686

Protanomaly

22.8685, 22.7670, 25.0190

Deuteranomaly

23.7516, 22.8698, 23.5845

Tritanomaly

24.8900, 22.8725, 24.5757

Monochromacy



Original Color

24.7557, 22.8188, 23.8686

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3028, 23.3820, 25.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7557, 22.8188, 23.8686 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(156, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(156, 123, 129)  
}
```

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(156, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 123, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.7557, 22.8188, 23.8686 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(156, 123, 129) }
```


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

```
.border{ border-color:rgb(156, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(156, 123,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7557, 22.8188, 23.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 123, 129) }
```

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

```
.background{ background-color: rgb(156,  
123, 129) }
```

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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