

Converting Colors

XYZ(25.4468, 23.7592, 22.9848)

Have a look what the booklet for
XYZ(25.4468, 23.7592, 22.9848)
contains.

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Color

**XYZ(25.5248, 23.7990,
22.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7E7E
RGB	159, 126, 126
RGB Percent	62%, 49%, 49%
CMY	0.3765, 0.5059, 0.5059
CMYK	0.00, 0.21, 0.21, 0.38
HSL	0°, 15%, 56%
HSV	0°, 21%, 62%
XYZ	25.5248, 23.7990, 22.9870
YIQ	135.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

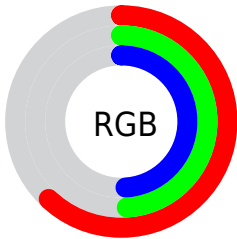
Format	Color
R_{YB}	159, 126, 126
Decimal	10452606
CIE _{Lab}	55.89, 12.73, 4.85
CIE _{LCh}	56, 13.625, 20.864
Yxy	23.7990, 0.3530, 0.3291
Android (android.graphics.Color)	4288642686 (0xFF9F7E7E)
YUV	135.8670, -4.8644, 20.2876
Hunter-Lab	48.7842, 8.0221, 6.2117

Details

The XYZ color **25.5248, 23.7990, 22.9870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2600, 31.7341, 37.4896**, and the grayscale version is **23.3650, 24.5818, 26.7696**.

A 20% lighter version of the original color is **51.9883, 49.7910, 49.5184**, and **10.0568, 8.9694, 8.2224** is the 20% darker color. If you saturate the color by 10%, you get **22.7054, 19.6736, 17.3813**, and if you desaturate by 10%, it is **28.8317, 28.6380, 29.5603**.

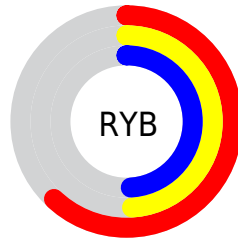
Distribution



Red (62%)

Green (49%)

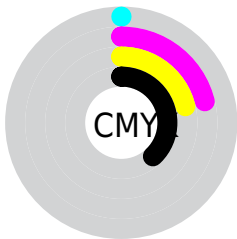
Blue (49%)



Red (62%)

Yellow (49%)

Blue (49%)

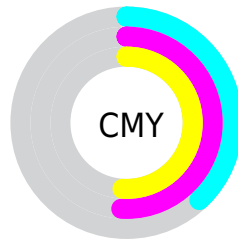


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5248, 23.7990, 22.9870 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 25.5248, 23.7990, 22.9870 by changing the saturation by 10% instead.

■ 25.5248, 23.7990,
22.9870

■ 25.5248, 23.7990,
22.9870

272.7412,
271.8027, 280.7780

■ 16.5993, 15.1846,
14.3787

■ 51.9441, 49.7020,
49.2949

■ 10.0427, 8.9490,
8.2428

■ 70.1686, 67.7594,
67.8316

■ 5.4898, 4.7080,
4.1607

■ 92.2235, 89.7332,
90.5148

■ 2.5751, 2.0769,
1.7139

118.4742,
116.0078, 117.7631

■ 0.9333, 0.6516,
0.3702

149.2859,
146.9677, 149.9950

■ 0.0000, 0.0000,
0.0000

185.0241,

182.9972, 187.6291

226.0540,
224.4808, 231.0839

■ 25.5248, 23.7990,
22.9870

■ 25.5248, 23.7990,
22.9870

■ 22.7054, 19.6736,
17.3813

■ 28.8317, 28.6380,
29.5603

■ 20.3487, 16.2250,
12.6962

■ 32.6455, 34.2186,
37.1422

■ 18.4305, 13.4181,
8.8830

■ 36.9870, 40.5714,
45.7733

■ 16.9237, 11.2132,
5.8877

■ 41.8753, 47.7242,
55.4915

■ 15.7983, 9.5664,
3.6507

■ 47.3284, 55.7035,
66.3326

■ 15.0202, 8.4277,
2.1040

■ 53.3636, 64.5345,
78.3309

■ 14.5491, 7.7382,
1.1676

■ 59.9974, 74.2414,
91.5194

■ 14.2983, 7.3713,
0.6692

■ 67.2457, 84.8474,
105.9295

■ 68.1081, 86.1110,
107.6391

Harmonies

Analogous

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



25.6962, 23.7990, 27.2939



25.5248, 23.7990, 22.9870



24.5565, 23.7990, 19.8334

Triad

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



25.5248, 23.7990, 22.9870



20.3837, 23.7990, 20.8846



22.1497, 23.7990, 35.2998

Complementary

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



25.5248, 23.7990, 22.9870



27.2600, 31.7341, 37.4896

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.



20.7886, 23.7990, 33.1232



25.5248, 23.7990, 22.9870



19.8001, 23.7990, 24.5796

Square

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



25.5248, 23.7990, 22.9870



21.5740, 23.7990, 18.7195



19.9448, 23.7990, 29.0775



23.6997, 23.7990, 34.7473

Rectangle

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



25.5248, 23.7990, 22.9870



23.6126, 23.7990, 18.6487



19.9448, 23.7990, 29.0775



21.6560, 23.7990, 34.8546

Sweetspot

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



25.5255, 23.8001, 22.9875



54.6888, 55.7568, 59.0112



28.0171, 24.7961, 36.1105



12.2376, 12.4358, 13.1213



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.5255, 23.8001, 22.9875



43.2232, 38.9795, 36.2175



27.8117, 28.3726, 23.7496



6.6331, 6.6462, 6.9189



11.2932, 5.8221, 0.5286



0.2019, 0.1041, 0.0095

Inverse Universe

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



27.2600, 31.7341, 37.4896



46.9110, 55.8484, 67.0508



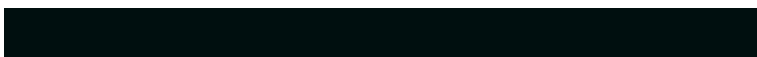
24.6100, 26.4342, 36.6062



6.8218, 7.5094, 8.4966



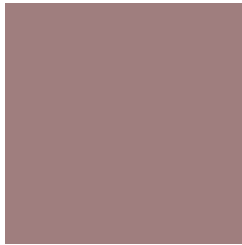
14.7332, 21.5579, 29.2918



0.2634, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 25.5248, 23.7990, 22.9870 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 25.5248, 23.7990, 22.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

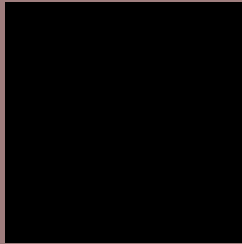
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5248, 23.7990, 22.9870

Background



This preview shows how black text looks on a background with the XYZ color 25.5248, 23.7990, 22.9870.



This preview shows how white text looks on a background with the XYZ color 25.5248, 23.7990,

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

25.5248, 23.7990, 22.9870

Protanopia

22.8709, 23.9803, 24.5423

Deuteranopia

24.1296, 23.6652, 22.6981



Tritanopia

26.1339, 23.8620, 25.7827

Trichromacy



Original Color

25.5248, 23.7990, 22.9870

Protanomaly

23.7558, 23.8373, 24.1179

Deuteranomaly

24.5577, 23.6913, 22.6806

Tritanomaly

25.9276, 23.7795, 24.6961

Monochromacy



Original Color

25.5248, 23.7990, 22.9870

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9177, 24.0978, 25.2205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5248, 23.7990, 22.9870 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(159, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 126, 126)  
}
```

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(159, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.5248, 23.7990, 22.9870 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(159, 126, 126) }
```


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

```
.border{ border-color:rgb(159, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(159, 126,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5248, 23.7990, 22.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 126, 126) }
```

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

```
.background{ background-color: rgb(159,  
126, 126) }
```

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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