

Converting Colors

XYZ(25.6770, 25.1339, 22.1745)

Have a look what the booklet for
XYZ(25.6770, 25.1339, 22.1745)
contains.

XYZ(25.7310, 25.1007, 22.2276)	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(25.7310, 25.1007,
22.2276)**

Conversions

Conversions Part 1

Format	Color
Hex	9D847B
RGB	157, 132, 123
RGB Percent	62%, 52%, 48%
CMY	0.3843, 0.4823, 0.5176
CMYK	0.00, 0.16, 0.22, 0.38
HSL	16°, 15%, 55%
HSV	16°, 22%, 62%
XYZ	25.7310, 25.1007, 22.2276
YIQ	138.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

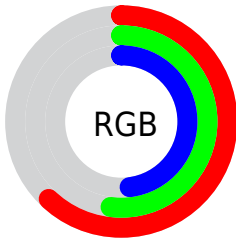
Format	Color
R_{YB}	157, 135, 123
Decimal	10323067
CIE _{Lab}	57.17, 8.05, 8.40
CIE _{LCh}	57, 11.633, 46.217
Yxy	25.1007, 0.3522, 0.3436
Android (android.graphics.Color)	4288513147 (0xFF9D847B)
YUV	138.4490, -7.6164, 16.2692
Hunter-Lab	50.1006, 3.9992, 8.7659

Details

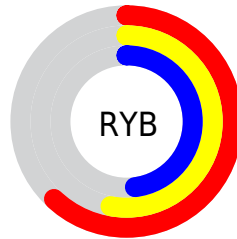
The XYZ color **25.7310, 25.1007, 22.2276** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8437, 27.8242, 35.9595**, and the grayscale version is **24.3531, 25.6213, 27.9016**.

A 20% lighter version of the original color is **52.2382, 51.7901, 47.8007**, and **10.1550, 9.6842, 7.8126** is the 20% darker color. If you saturate the color by 10%, you get **23.3465, 21.7802, 16.9666**, and if you desaturate by 10%, it is **28.4477, 28.8329, 28.3776**.

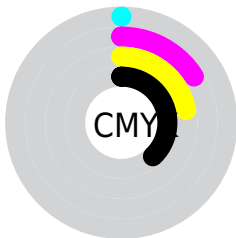
Distribution



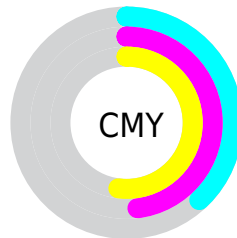
- Red (62%)
- Green (52%)
- Blue (48%)



- Red (62%)
- Yellow (53%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (38%)





- Cyan (38%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7310, 25.1007, 22.2276 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 25.7310, 25.1007, 22.2276 by changing the saturation by 10% instead.


 25.7310, 25.1007,
22.2276


 25.7310, 25.1007,
22.2276


273.7400,
278.3391, 276.7247


 16.7541, 16.1521,
13.8243


 52.2751, 51.8205,
48.0289

 10.1536, 9.6318,
7.8612


 70.5730, 70.3606,
66.2640

 5.5639, 5.1555,
3.9198


 92.7086, 92.8665,
88.6134

 2.6199, 2.3388,
1.5814

119.0473,
119.7228, 115.4957

 0.9561, 0.7941,
0.2775

149.9545,
151.3138, 147.3295

 0.0000, 0.0000,
0.0000

185.7954,

188.0239, 184.5332

226.9355,
230.2375, 227.5255

■ 25.7310, 25.1007,
22.2276

■ 25.7310, 25.1007,
22.2276

■ 23.3465, 21.7802,
16.9666

■ 28.4477, 28.8329,
28.3776

■ 21.2790, 18.8539,
12.5516

■ 31.5070, 32.9870,
35.4537

■ 19.5153, 16.3077,
8.9386

■ 34.9212, 37.5769,
43.4928

■ 18.0401, 14.1256,
6.0785

■ 38.7015, 42.6150,
52.5292

■ 16.8370, 12.2903,
3.9174

■ 42.8585, 48.1131,
62.5957

■ 15.8876, 10.7831,
2.3935

■ 47.4023, 54.0826,
73.7234

■ 15.1708, 9.5832,
1.4343

■ 52.3429, 60.5345,
85.9422

■ 14.7176, 8.7940,
0.9217

■ 57.6896, 67.4794,
99.2808

■ 61.9176, 74.3139,
105.6884

Harmonies

Analogous

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



26.4830, 25.1007, 25.2730



25.7310, 25.1007, 22.2276



24.4919, 25.1007, 20.6259

Triad

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



25.7310, 25.1007, 22.2276



21.3845, 25.1007, 25.5685



24.6023, 25.1007, 35.2513

Complementary

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



25.7310, 25.1007, 22.2276



24.8437, 27.8242, 35.9595

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.



23.2341, 25.1007, 35.3499



25.7310, 25.1007, 22.2276



21.4114, 25.1007, 29.4965

Square

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



25.7310, 25.1007, 22.2276



22.0020, 25.1007, 22.4260



22.0772, 25.1007, 33.1599



25.8145, 25.1007, 32.9023

Rectangle

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



25.7310, 25.1007, 22.2276



23.5727, 25.1007, 20.4827



22.0772, 25.1007, 33.1599



24.1445, 25.1007, 35.5559

Sweetspot

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



25.7317, 25.1018, 22.2281



53.9051, 55.6633, 57.6328



26.3727, 23.4882, 31.3687



11.7904, 12.1519, 12.5173



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.



25.7317, 25.1018, 22.2281



43.9406, 41.9826, 35.0487



28.1484, 29.9353, 23.0337



6.7688, 6.9177, 6.9642



11.9803, 7.1962, 0.7576



0.2459, 0.1920, 0.0241

Inverse Universe

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



24.8437, 27.8242, 35.9595



42.0578, 47.7424, 64.1253



22.4380, 23.0128, 35.1576



6.6731, 7.2120, 8.4470



9.9929, 12.0773, 27.7117



0.2109, 0.2804, 0.5062

Previews

White Background



This preview shows how the XYZ color 25.7310, 25.1007, 22.2276 looks on a white background.

Color Contrast Check

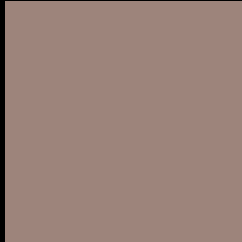
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7310, 25.1007, 22.2276 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 25.7310, 25.1007, 22.2276

Background



This preview shows how black text looks on a background with the XYZ color 25.7310, 25.1007, 22.2276.



This preview shows how white text looks on a background with the XYZ color 25.7310, 25.1007,

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

25.7310, 25.1007, 22.2276

Protanopia

24.0392, 25.2373, 23.3429

Deuteranopia

25.5367, 25.0005, 22.2185



Tritanopia

27.0143, 25.2296, 28.2569

Trichromacy



Original Color

25.7310, 25.1007, 22.2276

Protanomaly

24.5784, 25.1045, 22.9523

Deuteranomaly

25.5367, 25.0005, 22.2185

Tritanomaly

26.5199, 25.2229, 26.0250

Monochromacy



Original Color

25.7310, 25.1007, 22.2276

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7149, 25.3215, 25.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7310, 25.1007, 22.2276 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(157, 132, 123)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 123)  
}
```

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(157, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.7310, 25.1007, 22.2276 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(157, 132, 123) }
```


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

```
.border{ border-color:rgb(157, 132, 123) }
```

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

Here you see how a box with a 4 pixel rgb(157, 132, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7310, 25.1007, 22.2276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 123) }
```

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

```
.background{ background-color: rgb(157,  
132, 123) }
```

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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