

Converting Colors

XYZ(25.4120, 25.8361, 22.3430)

Have a look what the booklet for
XYZ(25.4120, 25.8361, 22.3430)
contains.

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Color

**XYZ(25.3282, 25.7138,
22.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	98887B
RGB	152, 136, 123
RGB Percent	60%, 53%, 48%
CMY	0.4039, 0.4667, 0.5176
CMYK	0.00, 0.11, 0.19, 0.40
HSL	27°, 12%, 54%
HSV	27°, 19%, 60%
XYZ	25.3282, 25.7138, 22.3672
YIQ	139.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

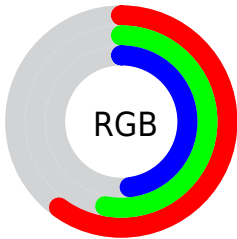
Format	Color
R_{YB}	152, 147, 123
Decimal	9996411
CIE _{Lab}	57.76, 3.81, 9.17
CIE _{LCh}	58, 9.929, 67.467
Yxy	25.7138, 0.3450, 0.3503
Android (android.graphics.Color)	4288186491 (0xFF98887B)
YUV	139.3020, -8.0369, 11.1361
Hunter-Lab	50.7088, 0.4175, 9.3438

Details

The XYZ color **25.3282, 25.7138, 22.3672** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0683, 24.9425, 33.3045**, and the grayscale version is **24.6839, 25.9694, 28.2807**.

A 20% lighter version of the original color is **51.6676, 52.7557, 48.0171**, and **9.9306, 9.9167, 7.8693** is the 20% darker color. If you saturate the color by 10%, you get **23.3148, 23.0932, 17.3605**, and if you desaturate by 10%, it is **27.5832, 28.5807, 28.1840**.

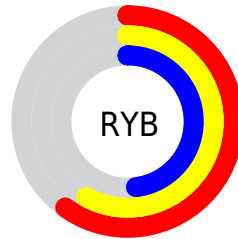
Distribution



Red (60%)

Green (53%)

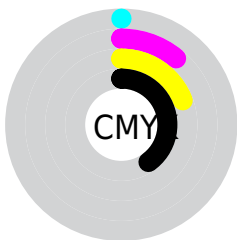
Blue (48%)



Red (60%)

Yellow (58%)

Blue (48%)

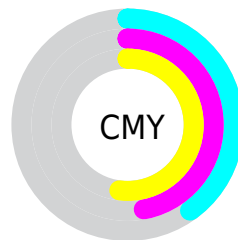


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3282, 25.7138, 22.3672 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 25.3282, 25.7138, 22.3672 by changing the saturation by 10% instead.

■ 25.3282, 25.7138,
22.3672

■ 25.3282, 25.7138,
22.3672

271.7861,
281.3743, 277.4737

■ 16.4518, 16.6097,
13.9261

■ 51.6282, 52.8129,
48.2621

■ 9.9373, 9.9566,
7.9311

■ 69.7825, 71.5766,
66.5530

■ 5.4193, 5.3702,
3.9638

■ 91.7602, 94.3290,
88.9641

■ 2.5326, 2.4661,
1.6055

117.9266,
121.4544, 115.9142

■ 0.9117, 0.8596,
0.2947

148.6470,
153.3372, 147.8216

■ 0.0000, 0.0000,
0.0000

184.2868,

190.3619, 185.1050

225.2114,
232.9128, 228.1828

■ 25.3282, 25.7138,
22.3672

■ 25.3282, 25.7138,
22.3672

■ 23.3148, 23.0932,
17.3605

■ 27.5832, 28.5807,
28.1840

■ 21.5319, 20.7083,
13.1258

■ 30.0860, 31.6969,
34.8434

■ 19.9708, 18.5532,
9.6242

■ 32.8454, 35.0699,
42.3781

■ 18.6213, 16.6200,
6.8129

■ 35.8689, 38.7059,
50.8187

■ 17.4720, 14.9005,
4.6446

■ 39.1637, 42.6106,
60.1941

■ 16.5106, 13.3859,
3.0659

■ 42.7368, 46.7898,
70.5320

■ 15.7228, 12.0662,
2.0144

■ 46.5949, 51.2490,
81.8591

■ 15.0803, 10.9259,
1.3543

■ 50.7445, 55.9935,
94.2007

■ 15.0255, 10.8285,
1.2982

■ 54.4089, 60.7152,
103.4593

Harmonies

Analogous

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



26.3030, 25.7138, 24.1953



25.3282, 25.7138, 22.3672



24.1438, 25.7138, 21.9862

Triad

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



25.3282, 25.7138, 22.3672



22.2394, 25.7138, 28.8588



25.8597, 25.7138, 33.5320

Complementary

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



25.3282, 25.7138, 22.3672



23.0683, 24.9425, 33.3045

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.



24.7390, 25.7138, 35.0163



25.3282, 25.7138, 22.3672



22.6675, 25.7138, 32.1795

Square

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



25.3282, 25.7138, 22.3672



22.3857, 25.7138, 25.5594



23.5732, 25.7138, 34.5023



26.6167, 25.7138, 30.5869

Rectangle

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



25.3282, 25.7138, 22.3672



23.3992, 25.7138, 22.5733



23.5732, 25.7138, 34.5023



25.5116, 25.7138, 34.2288

Sweetspot

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



25.3289, 25.7150, 22.3677



49.9489, 52.0300, 53.0709



24.7240, 22.7184, 27.6747



11.2955, 11.7541, 11.9110



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.3289, 25.7150, 22.3677



43.1034, 43.3152, 35.4478



27.4412, 29.9396, 23.0719



6.4254, 6.6559, 6.5519



12.6286, 9.1396, 1.0985



0.2244, 0.2078, 0.0283

Inverse Universe

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



23.0683, 24.9425, 33.3045



38.3465, 41.6891, 58.4594



21.1614, 21.1287, 32.6688



6.1527, 6.5628, 7.8714



7.4315, 7.2596, 25.9173



0.1474, 0.1811, 0.3996

Previews

White Background



This preview shows how the XYZ color 25.3282, 25.7138, 22.3672 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 25.3282, 25.7138, 22.3672 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 25.3282, 25.7138, 22.3672

Background



This preview shows how black text looks on a background with the XYZ color 25.3282, 25.7138, 22.3672.



This preview shows how white text looks on a background with the XYZ color 25.3282, 25.7138,

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

25.3282, 25.7138, 22.3672

Protanopia

24.4036, 25.6519, 22.7339

Deuteranopia

26.2008, 25.7494, 22.3281



Tritanopia

26.8630, 25.7268, 29.5365

Trichromacy



Original Color

25.3282, 25.7138, 22.3672

Protanomaly

24.7965, 25.6425, 22.7114

Deuteranomaly

25.9494, 25.8259, 22.3561

Tritanomaly

26.2955, 25.6978, 26.8668

Monochromacy



Original Color

25.3282, 25.7138, 22.3672

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8237, 25.7997, 25.8618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3282, 25.7138, 22.3672 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(152, 136, 123)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 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(152, 136, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.3282, 25.7138, 22.3672 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(152, 136, 123) }
```


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

```
.border{ border-color:rgb(152, 136, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 123);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3282, 25.7138, 22.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 123) }
```

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

```
.background{ background-color: rgb(152,  
136, 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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