

Converting Colors

XYZ(25.1129, 25.4293, 17.6410)

Have a look what the booklet for
XYZ(25.1129, 25.4293, 17.6410)
contains.

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Color

**XYZ(25.2754, 25.5788,
17.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	9D876C
RGB	157, 135, 108
RGB Percent	62%, 53%, 42%
CMY	0.3843, 0.4706, 0.5765
CMYK	0.00, 0.14, 0.31, 0.38
HSL	33°, 20%, 52%
HSV	33°, 31%, 62%
XYZ	25.2754, 25.5788, 17.7924
YIQ	138.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

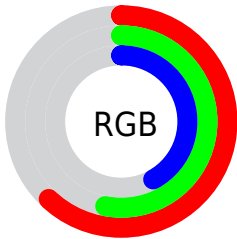
Format	Color
R_{YB}	148, 157, 108
Decimal	10323820
CIE _{Lab}	57.64, 4.14, 17.61
CIE _{LCh}	58, 18.094, 76.778
Yxy	25.5788, 0.3682, 0.3726
Android (android.graphics.Color)	4288513900 (0xFF9D876C)
YUV	138.5000, -15.0365, 16.2245
Hunter-Lab	50.5755, 0.6993, 14.5447

Details

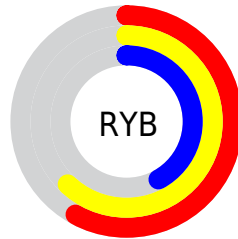
The XYZ color **25.2754, 25.5788, 17.7924** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2526, 21.5870, 34.9977**, and the grayscale version is **24.3991, 25.6698, 27.9544**.

A 20% lighter version of the original color is **51.4798, 52.5016, 40.6782**, and **9.8898, 9.8265, 5.6504** is the 20% darker color. If you saturate the color by 10%, you get **23.5631, 23.3731, 13.4639**, and if you desaturate by 10%, it is **27.2046, 27.9773, 22.9362**.

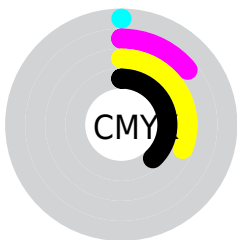
Distribution



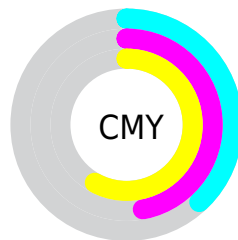
- Red (62%)
- Green (53%)
- Blue (42%)



- Red (58%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2754, 25.5788, 17.7924 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 25.2754, 25.5788, 17.7924 by changing the saturation by 10% instead.

■ 25.2754, 25.5788,
17.7924

■ 25.2754, 25.5788,
17.7924

271.5291,
280.7083, 251.8950

■ 16.4122, 16.5088,
10.6331

■ 51.5433, 52.5947,
40.4924

■ 9.9090, 9.8849,
5.7097

■ 69.6788, 71.3093,
56.8702

■ 5.4005, 5.3227,
2.6034

■ 91.6356, 94.0077,
77.1580

■ 2.5212, 2.4378,
0.8942

■ 117.7793,
121.0741, 101.7743

■ 0.9060, 0.8452,
0.0000

148.4751,
152.8929, 131.1376

■ 0.0000, 0.0000,
0.0000

184.0885,

189.8487, 165.6664

224.9847,
232.3256, 205.7794

■ 25.2754, 25.5788,
17.7924

■ 25.2754, 25.5788,
17.7924

■ 23.5631, 23.3731,
13.4639

■ 27.2046, 27.9773,
22.9362

■ 22.0564, 21.3508,
9.9062

■ 29.3575, 30.5705,
28.9335

■ 20.7459, 19.5072,
7.0728

■ 31.7428, 33.3646,
35.8219

■ 19.6204, 17.8355,
4.9115

■ 34.3684, 36.3647,
43.6365

■ 18.6673, 16.3287,
3.3630

■ 37.2414, 39.5754,
52.4103

■ 17.8722, 14.9784,
2.3576

■ 40.3689, 43.0014,
62.1746

■ 17.2743, 13.9073,
1.7739

■ 43.7576, 46.6469,
72.9595

■ 47.4140, 50.5163,
84.7936

■ 51.3442, 54.6137,
97.7045

Harmonies

Analogous

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



27.2720, 25.5788, 20.0434



25.2754, 25.5788, 17.7924



23.1313, 25.5788, 17.9346

Triad

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



25.2754, 25.5788, 17.7924



20.5442, 25.5788, 31.4318



27.4695, 25.5788, 36.8280

Complementary

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



25.2754, 25.5788, 17.7924



20.2526, 21.5870, 34.9977

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.



25.5320, 25.5788, 40.8789



25.2754, 25.5788, 17.7924



21.5741, 25.5788, 37.4610

Square

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



25.2754, 25.5788, 17.7924



20.4846, 25.5788, 25.2150



23.3732, 25.5788, 41.1264



28.5885, 25.5788, 30.6645

Rectangle

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



25.2754, 25.5788, 17.7924



21.9064, 25.5788, 19.3603



23.3732, 25.5788, 41.1264



26.8873, 25.5788, 38.5193

Sweetspot

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



25.2761, 25.5800, 17.7929



53.4119, 55.7381, 54.1974



23.3000, 19.5066, 23.6740



11.6296, 12.1189, 11.5741



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.



25.2761, 25.5800, 17.7929



43.2290, 43.2028, 26.6625



28.1952, 32.1209, 18.9016



6.9208, 7.2216, 7.0148



14.0672, 11.3700, 1.4532



0.2934, 0.2871, 0.0400

Inverse Universe

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



20.2526, 21.5870, 34.9977



32.8711, 34.9723, 62.1446



17.9352, 16.5037, 34.1386



6.5176, 6.9010, 8.3952



6.7820, 5.6556, 26.6414



0.1629, 0.1844, 0.4902

Previews

White Background



This preview shows how the XYZ color 25.2754, 25.5788, 17.7924 looks on a white background.

Color Contrast Check

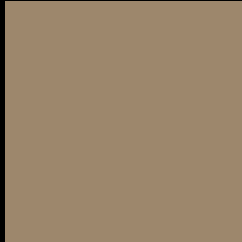
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2754, 25.5788, 17.7924 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 25.2754, 25.5788, 17.7924

Background



This preview shows how black text looks on a background with the XYZ color 25.2754, 25.5788, 17.7924.



This preview shows how white text looks on a background with the XYZ color 25.2754, 25.5788,

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

25.2754, 25.5788, 17.7924

Protanopia

23.9356, 25.5058, 18.4134

Deuteranopia

25.9946, 25.5391, 17.7468



Tritanopia

27.6220, 25.7328, 28.7104

Trichromacy



Original Color

25.2754, 25.5788, 17.7924

Protanomaly

24.4685, 25.5748, 18.1148

Deuteranomaly

25.7291, 25.6065, 17.7738

Tritanomaly

26.7109, 25.5611, 24.2948

Monochromacy



Original Color

25.2754, 25.5788, 17.7924

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8388, 25.8465, 24.1018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2754, 25.5788, 17.7924 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, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 108)  
}
```

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, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.2754, 25.5788, 17.7924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

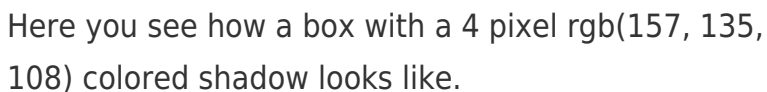
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 135, 108) }
```


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

```
.border{ border-color:rgb(157, 135, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 135, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 135, 108); box-shadow:4px 4px 4px 4px rgb(157, 135, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2754, 25.5788, 17.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 108) }
```

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

```
.background{ background-color: rgb(157,  
135, 108) }
```

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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