

Converting Colors

XYZ(25.2957, 25.7879, 17.2800)

Have a look what the booklet for
XYZ(25.2957, 25.7879, 17.2800)
contains.

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Color

**XYZ(25.3103, 25.8170,
17.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	9D886A
RGB	157, 136, 106
RGB Percent	62%, 53%, 42%
CMY	0.3843, 0.4667, 0.5843
CMYK	0.00, 0.13, 0.32, 0.38
HSL	35°, 21%, 52%
HSV	35°, 32%, 62%
XYZ	25.3103, 25.8170, 17.2849
YIQ	138.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

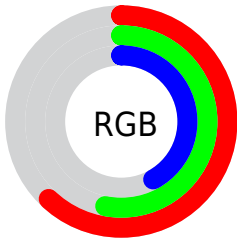
Format	Color
R_{YB}	142, 157, 106
Decimal	10324074
CIE _{Lab}	57.86, 3.30, 19.06
CIE _{LCh}	58, 19.342, 80.163
Yxy	25.8170, 0.3700, 0.3774
Android (android.graphics.Color)	4288514154 (0xFF9D886A)
YUV	138.8590, -16.1995, 15.9097
Hunter-Lab	50.8104, -0.0017, 15.3978

Details

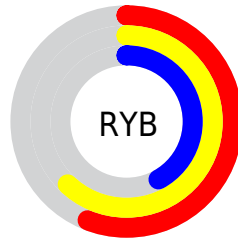
The XYZ color **25.3103, 25.8170, 17.2849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6189, 20.6767, 34.8553**, and the grayscale version is **24.5413, 25.8193, 28.1172**.

A 20% lighter version of the original color is **51.4348, 52.8266, 39.3839**, and **9.9172, 9.9643, 5.4036** is the 20% darker color. If you saturate the color by 10%, you get **23.6846, 23.7547, 13.0771**, and if you desaturate by 10%, it is **27.1418, 28.0513, 22.2994**.

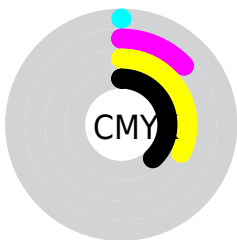
Distribution



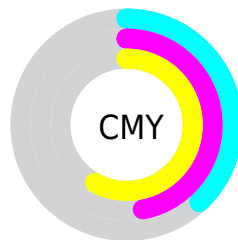
- Red (62%)
- Green (53%)
- Blue (42%)



- Red (56%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3103, 25.8170, 17.2849 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 25.3103, 25.8170, 17.2849 by changing the saturation by 10% instead.

■ 25.3103, 25.8170,
17.2849

■ 25.3103, 25.8170,
17.2849

271.6990,
281.8826, 248.9082

■ 16.4384, 16.6868,
10.2737

■ 51.5994, 52.9796,
39.6123

■ 9.9277, 10.0114,
5.4729

■ 69.7474, 71.7807,
55.7656

■ 5.4129, 5.4065,
2.4637

■ 91.7180, 94.5743,
75.8034

■ 2.5287, 2.4877,
0.8208

■ 117.8766,
121.7447, 100.1442

■ 0.9098, 0.8705,
0.0000

148.5887,
153.6764, 129.2065

■ 0.0000, 0.0000,
0.0000

184.2196,

190.7536, 163.4089

225.1345,
233.3609, 203.1700

■ 25.3103, 25.8170,
17.2849

■ 25.3103, 25.8170,
17.2849

■ 23.6846, 23.7547,
13.0771

■ 27.1418, 28.0513,
22.2994

■ 22.2535, 21.8556,
9.6310

■ 29.1855, 30.4590,
28.1591

■ 21.0078, 20.1154,
6.8997

■ 31.4500, 33.0458,
34.9018

■ 19.9364, 18.5281,
4.8304

■ 33.9429, 35.8161,
42.5627

■ 19.0271, 17.0870,
3.3629

■ 36.6713, 38.7743,
51.1749

■ 18.2650, 15.7846,
2.4256

■ 39.6419, 41.9244,
60.7700

■ 17.7633, 14.8855,
1.9370

■ 42.8613, 45.2703,
71.3780

■ 46.3356, 48.8158,
83.0277

■ 50.0710, 52.5646,
95.7468

Harmonies

Analogous

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



27.5161, 25.8170, 19.3778



25.3103, 25.8170, 17.2849



23.0288, 25.8170, 17.7199

Triad

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



25.3103, 25.8170, 17.2849



20.5750, 25.8170, 32.7603



28.1350, 25.8170, 37.1394

Complementary

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



25.3103, 25.8170, 17.2849



19.6189, 20.6767, 34.8553

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.



26.1123, 25.8170, 41.9290



25.3103, 25.8170, 17.2849



21.7834, 25.8170, 39.1368

Square

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



25.3103, 25.8170, 17.2849



20.3903, 25.8170, 25.9784



23.7821, 25.8170, 42.7127



29.2137, 25.8170, 30.3558

Rectangle

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



25.3103, 25.8170, 17.2849



21.7654, 25.8170, 19.4144



23.7821, 25.8170, 42.7127



27.5372, 25.8170, 39.0784

Sweetspot

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



25.3110, 25.8182, 17.2854



53.1618, 55.5815, 53.0543



22.9060, 19.0153, 22.6276



11.5858, 12.1010, 11.3445



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.



25.3110, 25.8182, 17.2854



43.1771, 43.5223, 25.3400



27.7484, 31.9026, 18.3314



6.9410, 7.2620, 7.0215



14.4641, 12.1639, 1.5855



0.2996, 0.2995, 0.0420

Inverse Universe

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



19.6189, 20.6767, 34.8553



31.3650, 32.8575, 61.8158



17.7017, 16.0738, 34.0679



6.4978, 6.8614, 8.3886



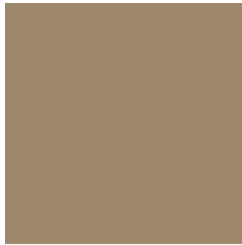
6.4960, 5.0836, 26.5461



0.1567, 0.1721, 0.4882

Previews

White Background



This preview shows how the XYZ color 25.3103, 25.8170, 17.2849 looks on a white background.

Color Contrast Check

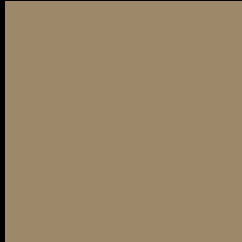
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3103, 25.8170, 17.2849 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 25.3103, 25.8170, 17.2849

Background



This preview shows how black text looks on a background with the XYZ color 25.3103, 25.8170, 17.2849.



This preview shows how white text looks on a background with the XYZ color 25.3103, 25.8170,

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

25.3103, 25.8170, 17.2849

Protanopia

24.2809, 25.9163, 17.6325

Deuteranopia

26.1456, 25.6231, 17.4777



Tritanopia

27.6220, 25.7328, 28.7104

Trichromacy



Original Color

25.3103, 25.8170, 17.2849

Protanomaly

24.6912, 25.9139, 17.6104

Deuteranomaly

25.8769, 25.6888, 17.5045

Tritanomaly

26.7810, 25.8072, 23.9918

Monochromacy



Original Color

25.3103, 25.8170, 17.2849

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7733, 25.8203, 23.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3103, 25.8170, 17.2849 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, 136, 106)` looks like.

```
.text, #text, p{  
    color:rgb(157, 136, 106)  
}
```

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, 136, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 136, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.3103, 25.8170, 17.2849 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, 136, 106) }
```


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

```
.border{ border-color:rgb(157, 136, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 136, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 136, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 136, 106);  
box-shadow:4px 4px 4px 4px rgb(157, 136,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3103, 25.8170, 17.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 136, 106) }
```

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

```
.background{ background-color: rgb(157,  
136, 106) }
```

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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