

Converting Colors

XYZ(25.6549, 27.1715, 15.1104)

Have a look what the booklet for
XYZ(25.6549, 27.1715, 15.1104)
contains.

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Color

**XYZ(25.5872, 27.0809,
15.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8D61
RGB	157, 141, 97
RGB Percent	62%, 55%, 38%
CMY	0.3843, 0.4470, 0.6196
CMYK	0.00, 0.10, 0.38, 0.38
HSL	44°, 24%, 50%
HSV	44°, 38%, 62%
XYZ	25.5872, 27.0809, 15.1878
YIQ	140.7680, 23.6600, -10.2920

Conversions

Conversions Part 2

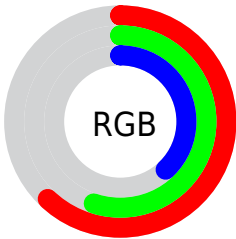
Format	Color
RYB	119, 157, 97
Decimal	10325345
CIELab	59.05, -0.64, 25.67
CIELCh	59, 25.680, 91.427
Yxy	27.0809, 0.3771, 0.3991
Android (android.graphics.Color)	4288515425 (0xFF9D8D61)
YUV	140.7680, -21.5776, 14.2355
Hunter-Lab	52.0393, -3.3022, 19.1236

Details

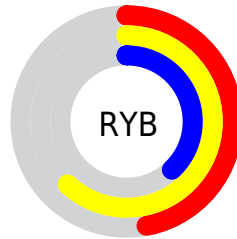
The XYZ color **25.5872, 27.0809, 15.1878** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9206, 16.7855, 34.2465**, and the grayscale version is **25.3024, 26.6201, 28.9893**.

A 20% lighter version of the original color is **52.0118, 55.1654, 35.9236**, and **10.0257, 10.6555, 4.5459** is the 20% darker color. If you saturate the color by 10%, you get **24.3211, 25.6064, 11.5046**, and if you desaturate by 10%, it is **27.0230, 28.6625, 19.6430**.

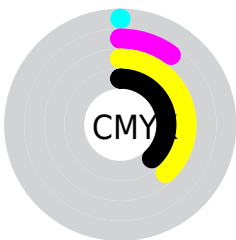
Distribution



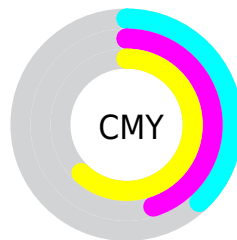
- Red (62%)
- Green (55%)
- Blue (38%)



- Red (47%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5872, 27.0809, 15.1878 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 25.5872, 27.0809, 15.1878 by changing the saturation by 10% instead.

■ 25.5872, 27.0809,
15.1878

■ 25.5872, 27.0809,
15.1878

273.0438,
288.0486, 236.1799

■ 16.6461, 17.6340,
8.8032

■ 52.0443, 55.0137,
35.9293

■ 10.0763, 10.6875,
4.5180

■ 70.2911, 74.2683,
51.1232

■ 5.5122, 5.8571,
1.9136

■ 92.3704, 97.5610,
70.0907

■ 2.5886, 2.7584,
0.5014

■ 118.6477,
125.2761, 93.2502

■ 0.9402, 1.0069,
0.0000

149.4884,
157.7980, 121.0204

■ 0.0000, 0.0000,
0.0000

185.2577,

195.5111, 153.8197

226.3210,
238.7999, 192.0667

■ 25.5872, 27.0809,
15.1878

■ 25.5872, 27.0809,
15.1878

■ 24.3211, 25.6064,
11.5046

■ 27.0230, 28.6625,
19.6430

■ 23.2136, 24.2314,
8.5465

■ 28.6344, 30.3512,
24.9101

■ 22.2558, 22.9527,
6.2638

■ 30.4298, 32.1515,
31.0283

■ 21.4367, 21.7656,
4.6000

■ 32.4163, 34.0668,
38.0338

■ 20.7435, 20.6645,
3.4893

■ 34.6004, 36.1000,
45.9606

■ 20.1527, 19.6395,
2.8091

■ 36.9887, 38.2542,
54.8409

■ 20.0517, 19.4621,
2.6997

■ 39.5870, 40.5320,
64.7054

■ 42.4012, 42.9362,
75.5835

■ 45.4369, 45.4694,
87.5032

Harmonies

Analogous

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



28.7841, 27.0809, 16.5998



25.5872, 27.0809, 15.1878



22.6738, 27.0809, 16.8997

Triad

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



25.5872, 27.0809, 15.1878



20.8552, 27.0809, 39.6203



31.5071, 27.0809, 38.7052

Complementary

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



25.5872, 27.0809, 15.1878



16.9206, 16.7855, 34.2465

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.



29.0700, 27.0809, 47.1471



25.5872, 27.0809, 15.1878



22.9177, 27.0809, 47.7476

Square

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



25.5872, 27.0809, 15.1878



20.0849, 27.0809, 29.9259



25.8926, 27.0809, 50.7492



32.3669, 27.0809, 29.0514

Rectangle

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



25.5872, 27.0809, 15.1878



21.2383, 27.0809, 19.8389



25.8926, 27.0809, 50.7492



30.8357, 27.0809, 41.8431

Sweetspot

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



25.5879, 27.0821, 15.1884



53.4980, 56.5927, 52.1218



21.1602, 16.9101, 17.7718



11.6831, 12.3643, 11.1648



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.



25.5879, 27.0821, 15.1884



43.8414, 46.1994, 21.4042



25.5425, 30.8168, 15.9116



7.0205, 7.4209, 7.0480



16.3170, 15.8697, 2.2032



0.3241, 0.3485, 0.0502

Inverse Universe

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



16.9206, 16.7855, 34.2465



26.0383, 25.0627, 60.5920



16.9163, 14.3636, 33.7793



6.4215, 6.7087, 8.3631



5.6382, 3.3679, 26.2601



0.1327, 0.1239, 0.4802

Previews

White Background



This preview shows how the XYZ color 25.5872, 27.0809, 15.1878 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 25.5872, 27.0809, 15.1878 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 25.5872, 27.0809, 15.1878

Background



This preview shows how black text looks on a background with the XYZ color 25.5872, 27.0809, 15.1878.



This preview shows how white text looks on a background with the XYZ color 25.5872, 27.0809,

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

25.5872, 27.0809, 15.1878

Protanopia

25.1571, 27.0791, 15.2101

Deuteranopia

27.5863, 27.0362, 15.3198



Tritanopia

28.6751, 27.0537, 30.4986

Trichromacy



Original Color

25.5872, 27.0809, 15.1878

Protanomaly

25.3482, 27.1776, 15.2191

Deuteranomaly

26.8101, 27.0581, 15.3650

Tritanomaly

27.3391, 26.9234, 24.1779

Monochromacy



Original Color

25.5872, 27.0809, 15.1878

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2592, 26.7335, 23.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5872, 27.0809, 15.1878 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, 141, 97)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 97)  
}
```

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, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.5872, 27.0809, 15.1878 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, 141, 97) }
```


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

```
.border{ border-color:rgb(157, 141, 97) }
```

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

Here you see how a box with a 4 pixel rgb(157, 141, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 97);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5872, 27.0809, 15.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 97) }
```

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

```
.background{ background-color: rgb(157,  
141, 97) }
```

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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