

Converting Colors

XYZ(25.0254, 27.1277, 17.0420)

Have a look what the booklet for
XYZ(25.0254, 27.1277, 17.0420)
contains.

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Color

**XYZ(25.0836, 27.2237,
17.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	978F68
RGB	151, 143, 104
RGB Percent	59%, 56%, 41%
CMY	0.4078, 0.4392, 0.5922
CMYK	0.00, 0.05, 0.31, 0.41
HSL	50°, 18%, 50%
HSV	50°, 31%, 59%
XYZ	25.0836, 27.2237, 17.0294
YIQ	140.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

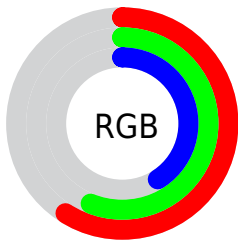
Format	Color
RYB	114, 151, 104
Decimal	9932648
CIELab	59.18, -3.34, 21.87
CIELCh	59, 22.119, 98.683
Yxy	27.2237, 0.3618, 0.3926
Android (android.graphics.Color)	4288122728 (0xFF978F68)
YUV	140.9460, -18.2144, 8.8174
Hunter-Lab	52.1763, -5.4953, 17.1723

Details

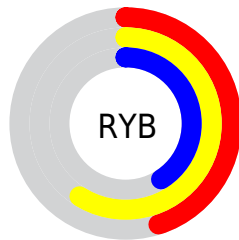
The XYZ color **25.0836, 27.2237, 17.0294** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0889, 16.7652, 31.6134**, and the grayscale version is **25.3612, 26.6820, 29.0567**.

A 20% lighter version of the original color is **51.3362, 55.4209, 39.0019**, and **9.7738, 10.7669, 5.3045** is the 20% darker color. If you saturate the color by 10%, you get **24.0033, 26.1825, 13.2182**, and if you desaturate by 10%, it is **26.3115, 28.3400, 21.5681**.

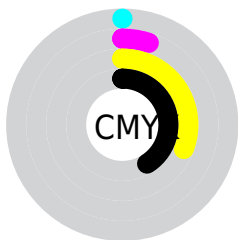
Distribution



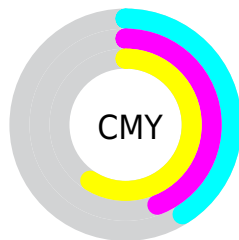
- Red (59%)
- Green (56%)
- Blue (41%)



- Red (45%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0836, 27.2237, 17.0294 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 25.0836, 27.2237, 17.0294 by changing the saturation by 10% instead.

■ 25.0836, 27.2237,
17.0294

■ 25.0836, 27.2237,
17.0294

270.5940,
288.7386, 247.3914

■ 16.2684, 17.7413,
10.0933

■ 51.2347, 55.2426,
39.1677

■ 9.8063, 10.7644,
5.3544

■ 69.3014, 74.5479,
55.2069

■ 5.3320, 5.9086,
2.3943

■ 91.1826, 97.8963,
75.1175

■ 2.4801, 2.7896,
0.7834

■ 117.2437,
125.6722, 99.3182

■ 0.8852, 1.0229,
0.0000

147.8500,
158.2600, 128.2274

■ 0.0000, 0.0000,
0.0000

183.3669,

196.0441, 162.2636

224.1598,
239.4088, 201.8454

■ 25.0836, 27.2237,
17.0294

■ 25.0836, 27.2237,
17.0294

■ 24.0033, 26.1825,
13.2182

■ 26.3115, 28.3400,
21.5681

■ 23.0611, 25.2096,
10.0941

■ 27.6918, 29.5305,
26.8685

■ 22.2497, 24.3030,
7.6155

■ 29.2315, 30.7991,
32.9643

■ 21.5600, 23.4589,
5.7355

■ 30.9367, 32.1483,
39.8870

■ 20.9820, 22.6733,
4.4009

■ 32.8130, 33.5805,
47.6664

■ 20.5036, 21.9411,
3.5489

■ 34.8660, 35.0978,
56.3307

■ 20.1354, 21.3253,
3.0549

■ 37.1006, 36.7026,
65.9068

■ 39.5220, 38.3968,
76.4204

■ 42.1348, 40.1824,
87.8965

Harmonies

Analogous

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



27.8497, 27.2237, 17.6337



25.0836, 27.2237, 17.0294



22.7029, 27.2237, 19.3043

Triad

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



25.0836, 27.2237, 17.0294



21.9557, 27.2237, 40.1739



31.1319, 27.2237, 35.5076

Complementary

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



25.0836, 27.2237, 17.0294



17.0889, 16.7652, 31.6134

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.



29.3303, 27.2237, 43.1355



25.0836, 27.2237, 17.0294



23.9966, 27.2237, 46.1448

Square

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



25.0836, 27.2237, 17.0294



20.9830, 27.2237, 31.9924



26.6835, 27.2237, 47.3155



31.4745, 27.2237, 27.4096

Rectangle

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



25.0836, 27.2237, 17.0294



21.6075, 27.2237, 22.4335



26.6835, 27.2237, 47.3155



30.6710, 27.2237, 38.2496

Sweetspot

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



25.0843, 27.2249, 17.0300



50.1063, 53.3165, 50.1278



20.6721, 17.6639, 17.8302



11.3069, 12.0498, 11.0737



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.



25.0843, 27.2249, 17.0300



43.6138, 47.5074, 25.8408



23.7377, 28.3767, 17.3233



6.6195, 7.0440, 6.6166



17.1478, 18.1780, 2.6049



0.2772, 0.3135, 0.0459

Inverse Universe

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



17.0889, 16.7652, 31.6134



27.0853, 25.8896, 56.0033



18.1282, 16.0491, 31.4204



5.9652, 6.1878, 7.8089



5.0758, 2.5484, 25.1321



0.0946, 0.0755, 0.3820

Previews

White Background



This preview shows how the XYZ color 25.0836, 27.2237, 17.0294 looks on a white background.

Color Contrast Check

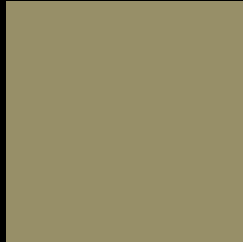
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0836, 27.2237, 17.0294 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

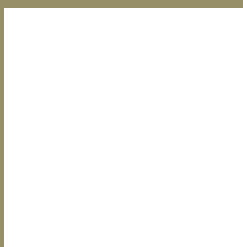
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0836, 27.2237, 17.0294

Background



This preview shows how black text looks on a background with the XYZ color 25.0836, 27.2237, 17.0294.



This preview shows how white text looks on a background with the XYZ color 25.0836, 27.2237,

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

25.0836, 27.2237, 17.0294

Protanopia

25.3086, 27.1178, 16.9971

Deuteranopia

27.6439, 27.2361, 17.1647



Tritanopia

28.0013, 27.0974, 31.7715

Trichromacy



Original Color

25.0836, 27.2237, 17.0294

Protanomaly

25.1206, 27.0209, 16.9883

Deuteranomaly

26.6827, 27.1665, 17.2019

Tritanomaly

26.7239, 27.0012, 25.6330

Monochromacy



Original Color

25.0836, 27.2237, 17.0294

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2463, 26.9243, 24.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0836, 27.2237, 17.0294 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(151, 143, 104)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 104)  
}
```

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(151, 143, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 104) }
```

Border

The CSS property to change the border of an element to XYZ 25.0836, 27.2237, 17.0294 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(151, 143, 104) }
```


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

```
.border{ border-color:rgb(151, 143, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 104);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0836, 27.2237, 17.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 104) }
```

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

```
.background{ background-color: rgb(151,  
143, 104) }
```

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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