

Converting Colors

XYZ(27.1924, 26.7607, 16.5071)

Have a look what the booklet for
XYZ(27.1924, 26.7607, 16.5071)
contains.

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Color

**XYZ(27.1887, 26.8031,
16.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	A78867
RGB	167, 136, 103
RGB Percent	65%, 53%, 40%
CMY	0.3451, 0.4666, 0.5961
CMYK	0.00, 0.19, 0.38, 0.35
HSL	31°, 27%, 53%
HSV	31°, 38%, 65%
XYZ	27.1887, 26.8031, 16.5725
YIQ	141.5070, 29.0690, -3.6910

Conversions

Conversions Part 2

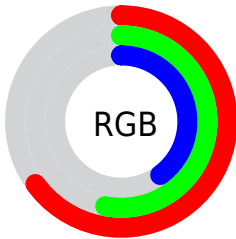
Format	Color
R_{YB}	163, 167, 103
Decimal	10979431
CIE _{Lab}	58.79, 7.07, 22.17
CIE _{LCh}	59, 23.267, 72.310
Yxy	26.8031, 0.3853, 0.3798
Android (android.graphics.Color)	4289169511 (0xFFA78867)
YUV	141.5070, -18.9840, 22.3574
Hunter-Lab	51.7717, 3.1415, 17.2610

Details

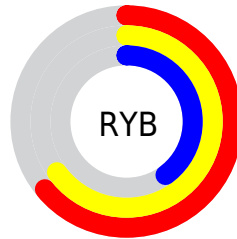
The XYZ color **27.1887, 26.8031, 16.5725** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.0934, 22.7230, 39.8334**, and the grayscale version is **25.5816, 26.9138, 29.3092**.

A 20% lighter version of the original color is **54.4618, 54.4163, 38.2048**, and **10.9810, 10.5185, 5.1929** is the 20% darker color. If you saturate the color by 10%, you get **25.3365, 24.3088, 12.2246**, and if you desaturate by 10%, it is **29.2957, 29.5389, 21.8319**.

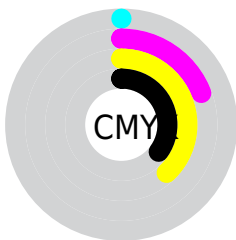
Distribution



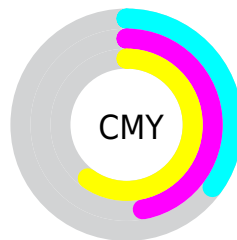
- Red (65%)
- Green (53%)
- Blue (40%)



- Red (64%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1887, 26.8031, 16.5725 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 27.1887, 26.8031, 16.5725 by changing the saturation by 10% instead.

■ 27.1887, 26.8031,
16.5725

■ 27.1887, 26.8031,
16.5725

280.7205,
286.7025, 244.6566

■ 17.8523, 17.4254,
9.7714

■ 54.6043, 54.5677,
38.3698

■ 10.9431, 10.5383,
5.1441

■ 73.4142, 73.7235,
54.2031

■ 6.0956, 5.7573,
2.2718

■ 96.1126, 96.9073,
73.8843

■ 2.9445, 2.6981,
0.7154

■ 123.0650,
124.5037, 97.8318

■ 1.1245, 0.9762,
0.0000

154.6366,
156.8971, 126.4643

■ 0.0454, 0.0000,
0.0000

191.1928,

■ 0.0000, 0.0000,

194.4717, 160.2002

0.0000

233.0990,
237.6120, 199.4581

■ 27.1887, 26.8031,
16.5725

■ 27.1887, 26.8031,
16.5725

■ 25.3365, 24.3088,
12.2246

■ 29.2957, 29.5389,
21.8319

■ 23.7251, 22.0443,
8.7331

■ 31.6664, 32.5196,
28.0503

■ 22.3422, 20.0027,
6.0396

■ 34.3119, 35.7536,
35.2736

■ 21.1732, 18.1748,
4.0774

■ 37.2418, 39.2474,
43.5444

■ 20.2014, 16.5507,
2.7686

■ 40.4654, 43.0074,
52.9028

■ 19.3986, 15.1154,
1.9756

■ 43.9912, 47.0397,
63.3868

■ 19.2737, 14.8901,
1.8582

■ 47.8278, 51.3501,
75.0324

■ 51.9831, 55.9444,
87.8743

■ 56.4647, 60.8280,
101.9453

Harmonies

Analogous

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



29.7763, 26.8031, 19.7894



27.1887, 26.8031, 16.5725



24.3175, 26.8031, 16.3107

Triad

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



27.1887, 26.8031, 16.5725



20.4574, 26.8031, 32.6833



29.3719, 26.8031, 42.4946

Complementary

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



27.1887, 26.8031, 16.5725



21.0934, 22.7230, 39.8334

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.



26.6698, 26.8031, 47.4990



27.1887, 26.8031, 16.5725



21.6102, 26.8031, 41.1619

Square

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



27.1887, 26.8031, 16.5725



20.5734, 26.8031, 24.6421



23.8359, 26.8031, 46.9700



31.1004, 26.8031, 34.2523

Rectangle

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



27.1887, 26.8031, 16.5725



22.6395, 26.8031, 17.7651



23.8359, 26.8031, 46.9700



28.5391, 26.8031, 44.6751

Sweetspot

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



27.1894, 26.8044, 16.5730



60.0362, 62.3192, 59.2626



25.1599, 19.6655, 25.3917



13.2956, 13.7761, 12.8793



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1894, 26.8044, 16.5730



45.8425, 44.1747, 22.9539



32.2033, 36.8322, 18.2444



7.8390, 8.1581, 7.9508



14.7977, 11.4927, 1.4384



0.4109, 0.3814, 0.0520

Inverse Universe

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



21.0934, 22.7230, 39.8334



33.3495, 35.8126, 70.6301



17.4191, 15.3744, 38.6087



7.4204, 7.8777, 9.5478



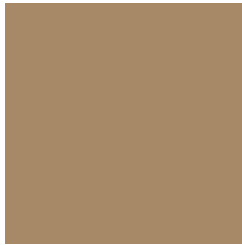
7.6309, 6.7220, 28.8708



0.2371, 0.2664, 0.7196

Previews

White Background



This preview shows how the XYZ color 27.1887, 26.8031, 16.5725 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 27.1887, 26.8031, 16.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

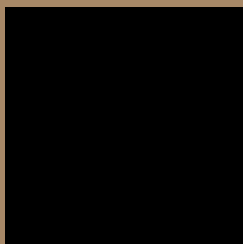
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1887, 26.8031, 16.5725

Background



This preview shows how black text looks on a background with the XYZ color 27.1887, 26.8031, 16.5725.



This preview shows how white text looks on a background with the XYZ color 27.1887, 26.8031,

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

27.1887, 26.8031, 16.5725

Protanopia

25.0236, 26.7451, 17.2080

Deuteranopia

27.4008, 26.9124, 16.5824



Tritanopia

29.7186, 26.8136, 28.8085

Trichromacy



Original Color

27.1887, 26.8031, 16.5725

Protanomaly

25.6359, 26.6328, 16.8862

Deuteranomaly

27.4008, 26.9124, 16.5824

Tritanomaly

28.7959, 26.8534, 23.7442

Monochromacy



Original Color

27.1887, 26.8031, 16.5725

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0369, 26.8940, 24.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1887, 26.8031, 16.5725 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(167, 136, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 103)  
}
```

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(167, 136, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 103) }
```

Border

The CSS property to change the border of an element to XYZ 27.1887, 26.8031, 16.5725 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(167, 136, 103) }
```


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

```
.border{ border-color:rgb(167, 136, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 103);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1887, 26.8031, 16.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 103) }
```

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

```
.background{ background-color: rgb(167,  
136, 103) }
```

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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