

Converting Colors

XYZ(26.6827, 27.1665, 17.2019)

Have a look what the booklet for
XYZ(26.6827, 27.1665, 17.2019)
contains.

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Color

**XYZ(26.6827, 27.1665,
17.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	A28B69
RGB	162, 139, 105
RGB Percent	64%, 55%, 41%
CMY	0.3647, 0.4549, 0.5882
CMYK	0.00, 0.14, 0.35, 0.36
HSL	36°, 23%, 52%
HSV	36°, 35%, 64%
XYZ	26.6827, 27.1665, 17.2019
YIQ	142.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

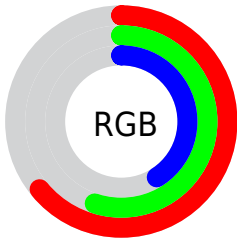
Format	Color
RYB	144, 162, 105
Decimal	10652521
CIELab	59.13, 3.56, 21.41
CIElCh	59, 21.707, 80.552
Yxy	27.1665, 0.3755, 0.3824
Android (android.graphics.Color)	4288842601 (0xFFA28B69)
YUV	142.0010, -18.2415, 17.5391
Hunter-Lab	52.1215, 0.1674, 16.9173

Details

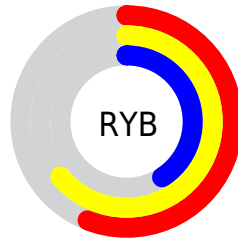
The XYZ color **26.6827, 27.1665, 17.2019** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.0663, 21.0496, 37.1879**, and the grayscale version is **25.7752, 27.1175, 29.5309**.

A 20% lighter version of the original color is **53.7638, 55.0050, 39.2359**, and **10.6176, 10.6914, 5.3749** is the 20% darker color. If you saturate the color by 10%, you get **25.0101, 25.0291, 12.9204**, and if you desaturate by 10%, it is **28.5720, 29.4830, 22.3388**.

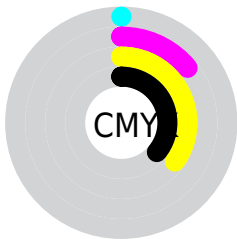
Distribution



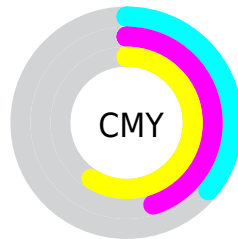
- Red (64%)
- Green (55%)
- Blue (41%)



- Red (56%)
- Yellow (64%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6827, 27.1665, 17.2019 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 26.6827, 27.1665, 17.2019 by changing the saturation by 10% instead.

■ 26.6827, 27.1665,
17.2019

■ 26.6827, 27.1665,
17.2019

278.3132,
288.4624, 248.4164

■ 17.4704, 17.6983,
10.2151

■ 53.7978, 55.1509,
39.4680

■ 10.6678, 10.7336,
5.4343

■ 72.4313, 74.4360,
55.5843

■ 5.9096, 5.8880,
2.4411

■ 94.9359, 97.7621,
75.5809

■ 2.8303, 2.7771,
0.8087

■ 121.6770,
125.5136, 99.8763

■ 1.0647, 1.0165,
0.0000

153.0199,
158.0750, 128.8890

■ 0.0000, 0.0000,
0.0000

189.3300,

195.8307, 163.0375

230.9726,
239.1650, 202.7405

■ 26.6827, 27.1665,
17.2019

■ 26.6827, 27.1665,
17.2019

■ 25.0101, 25.0291,
12.9204

■ 28.5720, 29.4830,
22.3388

■ 23.5419, 23.0616,
9.4448

■ 30.6851, 31.9802,
28.3736

■ 22.2681, 21.2591,
6.7228

■ 33.0313, 34.6641,
35.3479

■ 21.1763, 19.6152,
4.6955

■ 35.6190, 37.5397,
43.3003

■ 20.2528, 18.1225,
3.2948

■ 38.4557, 40.6113,
52.2670

■ 19.4800, 16.7724,
2.4347

■ 41.5489, 43.8833,
62.2826

■ 19.1420, 16.1647,
2.1112

■ 44.9056, 47.3599,
73.3799

■ 48.5325, 51.0451,
85.5904

■ 52.4361, 54.9429,
98.9440

Harmonies

Analogous

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



29.2626, 27.1665, 19.5183



26.6827, 27.1665, 17.2019



24.0406, 27.1665, 17.7260

Triad

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



26.6827, 27.1665, 17.2019



21.2578, 27.1665, 35.1134



30.0417, 27.1665, 40.0700

Complementary

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



26.6827, 27.1665, 17.2019



20.0663, 21.0496, 37.1879

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.



27.6870, 27.1665, 45.8032



26.6827, 27.1665, 17.2019



22.6603, 27.1665, 42.6130

Square

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



26.6827, 27.1665, 17.2019



21.0301, 27.1665, 27.2052



24.9779, 27.1665, 46.8073



31.2891, 27.1665, 32.0885

Rectangle

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



26.6827, 27.1665, 17.2019



22.5901, 27.1665, 19.6583



24.9779, 27.1665, 46.8073



29.3460, 27.1665, 42.3785

Sweetspot

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



26.6834, 27.1678, 17.2025



57.3484, 59.9537, 56.3351



23.8979, 19.3631, 23.1600



12.7598, 13.3269, 12.2969



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.6834, 27.1678, 17.2025



46.0940, 46.3360, 25.1736



29.4237, 34.0539, 18.3872



7.4085, 7.7555, 7.4866



15.1235, 12.8209, 1.6776



0.3623, 0.3585, 0.0501

Inverse Universe

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



20.0663, 21.0496, 37.1879



32.3062, 33.5949, 66.8379



17.9728, 16.0111, 36.3257



6.9241, 7.3072, 8.9486



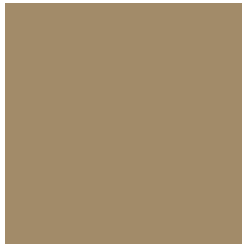
6.6835, 5.1463, 27.5709



0.1861, 0.1995, 0.5946

Previews

White Background



This preview shows how the XYZ color 26.6827, 27.1665, 17.2019 looks on a white background.

Color Contrast Check

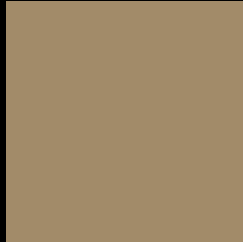
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6827, 27.1665, 17.2019 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 26.6827, 27.1665, 17.2019

Background



This preview shows how black text looks on a background with the XYZ color 26.6827, 27.1665, 17.2019.



This preview shows how white text looks on a background with the XYZ color 26.6827, 27.1665,

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

26.6827, 27.1665, 17.2019

Protanopia

25.4114, 27.1589, 17.5385

Deuteranopia

27.6956, 27.2568, 17.4370



Tritanopia

29.2850, 27.1708, 30.0866

Trichromacy



Original Color

26.6827, 27.1665, 17.2019

Protanomaly

25.8367, 27.1583, 17.5160

Deuteranomaly

27.4159, 27.3246, 17.4649

Tritanomaly

28.3505, 27.2194, 24.8787

Monochromacy



Original Color

26.6827, 27.1665, 17.2019

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.8818, 27.0243, 24.6210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6827, 27.1665, 17.2019 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(162, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(162, 139, 105)  
}
```

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(162, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 139, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.6827, 27.1665, 17.2019 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(162, 139, 105) }
```


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

```
.border{ border-color:rgb(162, 139, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 139, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(162, 139,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6827, 27.1665, 17.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 139, 105) }
```

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

```
.background{ background-color: rgb(162,  
139, 105) }
```

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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