

Converting Colors

XYZ(26.9989, 25.7871, 16.8712)

Have a look what the booklet for
XYZ(26.9989, 25.7871, 16.8712)
contains.

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Color

**XYZ(27.1633, 25.9575,
16.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	A98469
RGB	169, 132, 105
RGB Percent	66%, 52%, 41%
CMY	0.3373, 0.4823, 0.5882
CMYK	0.00, 0.22, 0.38, 0.34
HSL	25°, 27%, 54%
HSV	25°, 38%, 66%
XYZ	27.1633, 25.9575, 16.9432
YIQ	139.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

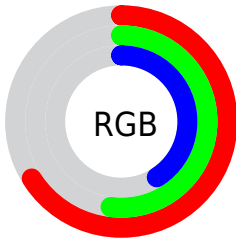
Format	Color
R_{YB}	169, 152, 105
Decimal	11109481
CIE Lab	58.00, 10.39, 20.01
CIE LCh	58, 22.545, 62.546
Yxy	25.9575, 0.3877, 0.3705
Android (android.graphics.Color)	4289299561 (0xFFA98469)
YUV	139.9850, -17.2476, 25.4462
Hunter-Lab	50.9485, 6.0078, 15.9467

Details

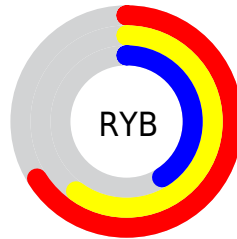
The XYZ color **27.1633, 25.9575, 16.9432** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.6598, 25.2130, 41.2085**, and the grayscale version is **24.9785, 26.2794, 28.6182**.

A 20% lighter version of the original color is **54.4010, 53.1058, 38.8357**, and **10.9272, 10.1368, 5.3837** is the 20% darker color. If you saturate the color by 10%, you get **25.1163, 23.1182, 12.3930**, and if you desaturate by 10%, it is **29.5083, 29.1165, 22.4450**.

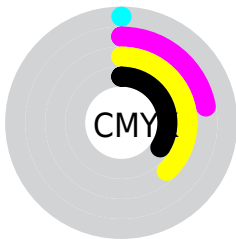
Distribution



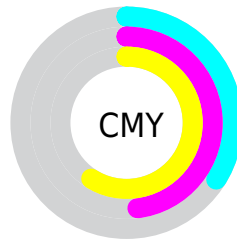
- Red (66%)
- Green (52%)
- Blue (41%)



- Red (66%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (22%)
- Yellow (38%)
- Black (34%)





- Cyan (34%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1633, 25.9575, 16.9432 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 27.1633, 25.9575, 16.9432 by changing the saturation by 10% instead.


 27.1633, 25.9575,
16.9432


 27.1633, 25.9575,
16.9432


280.6001,
282.5734, 246.8777


 17.8331, 16.7918,
10.0325


 54.5638, 53.2064,
39.0174


 10.9292, 10.0862,
5.3146


 73.3649, 72.0584,
55.0180

 6.0862, 5.4561,
2.3711


 96.0537, 94.9080,
74.8855

 2.9387, 2.5173,
0.7706

 122.9955,
122.1395, 99.0387

 1.1214, 0.8853,
0.0000

154.5556,
154.1375, 127.8959

 0.0429, 0.0000,
0.0000

191.0996,

 0.0000, 0.0000,

191.2862, 161.8758

0.0000

232.9926,
233.9700, 201.3969

■ 27.1633, 25.9575,
16.9432

■ 27.1633, 25.9575,
16.9432

■ 25.1163, 23.1182,
12.3930

■ 29.5083, 29.1165,
22.4450

■ 23.3517, 20.5840,
8.7374

■ 32.1621, 32.6018,
28.9476

■ 21.8553, 18.3444,
5.9161

■ 35.1372, 36.4243,
36.4986

■ 20.6105, 16.3871,
3.8602

■ 38.4449, 40.5935,
45.1422

■ 19.5984, 14.6980,
2.4895

■ 42.0957, 45.1182,
54.9198

■ 18.7901, 13.2592,
1.6723

■ 46.0998, 50.0071,
65.8710

■ 18.6350, 12.9807,
1.5233

■ 50.4668, 55.2684,
78.0331

■ 55.2062, 60.9101,
91.4420

■ 59.9867, 66.8039,
104.3405

Harmonies

Analogous

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



29.3500, 25.9575, 20.9445



27.1633, 25.9575, 16.9432



24.4401, 25.9575, 15.7817

Triad

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



27.1633, 25.9575, 16.9432



19.8056, 25.9575, 28.9342



27.5948, 25.9575, 42.8686

Complementary

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



27.1633, 25.9575, 16.9432



22.6598, 25.2130, 41.2085

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.



24.9050, 25.9575, 46.0301



27.1633, 25.9575, 16.9432



20.5192, 25.9575, 37.1148

Square

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



27.1633, 25.9575, 16.9432



20.3143, 25.9575, 21.9030



22.3376, 25.9575, 43.7534



29.6117, 25.9575, 35.7492

Rectangle

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



27.1633, 25.9575, 16.9432



22.7197, 25.9575, 16.5606



22.3376, 25.9575, 43.7534



26.7327, 25.9575, 44.4830

Sweetspot

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



27.1640, 25.9587, 16.9437



61.0905, 62.8876, 60.6535



26.3215, 20.5014, 28.2927



13.1641, 13.5132, 12.8355



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.



27.1640, 25.9587, 16.9437



45.6964, 42.4078, 23.7427



32.1280, 35.8869, 18.5984



7.7815, 8.0431, 7.9316



13.9393, 9.7759, 1.1523



0.3901, 0.3398, 0.0450

Inverse Universe

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



22.6598, 25.2130, 41.2085



36.5101, 40.8737, 73.1902



18.5993, 17.0920, 39.8550



7.4783, 7.9936, 9.5671



8.6251, 8.7103, 29.2022



0.2588, 0.3099, 0.7268

Previews

White Background



This preview shows how the XYZ color 27.1633, 25.9575, 16.9432 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 27.1633, 25.9575, 16.9432 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 27.1633, 25.9575, 16.9432

Background



This preview shows how black text looks on a background with the XYZ color 27.1633, 25.9575, 16.9432.



This preview shows how white text looks on a background with the XYZ color 27.1633, 25.9575,

16.9432.

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

27.1633, 25.9575, 16.9432

Protanopia

24.3338, 25.9375, 17.9113

Deuteranopia

26.5919, 26.0694, 16.9950



Tritanopia

29.2478, 26.0151, 27.1468

Trichromacy



Original Color

27.1633, 25.9575, 16.9432

Protanomaly

25.1683, 25.7378, 17.5513

Deuteranomaly

26.6632, 25.9020, 16.9589

Tritanomaly

28.3465, 25.8391, 22.8955

Monochromacy



Original Color

27.1633, 25.9575, 16.9432

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5389, 26.0029, 23.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1633, 25.9575, 16.9432 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(169, 132, 105)` looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 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(169, 132, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.1633, 25.9575, 16.9432 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(169, 132, 105) }
```


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

```
.border{ border-color:rgb(169, 132, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 132, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 105);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1633, 25.9575, 16.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 105) }
```

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

```
.background{ background-color: rgb(169,  
132, 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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