

Converting Colors

XYZ(26.9200, 27.0859, 15.9935)

Have a look what the booklet for
XYZ(26.9200, 27.0859, 15.9935)
contains.

XYZ(26.9545, 27.1159, 16.1252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9545, 27.1159,
16.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	A58A65
RGB	165, 138, 101
RGB Percent	65%, 54%, 40%
CMY	0.3529, 0.4588, 0.6039
CMYK	0.00, 0.16, 0.39, 0.35
HSL	35°, 26%, 52%
HSV	35°, 39%, 65%
XYZ	26.9545, 27.1159, 16.1252
YIQ	141.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

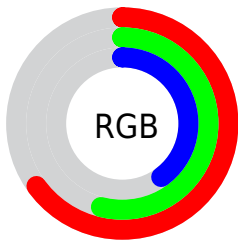
Format	Color
R_{YB}	148, 165, 101
Decimal	10848869
CIE _{Lab}	59.08, 4.87, 23.64
CIE _{LCh}	59, 24.133, 78.353
Yxy	27.1159, 0.3840, 0.3863
Android (android.graphics.Color)	4289038949 (0xFFA58A65)
YUV	141.8550, -20.1415, 20.2982
Hunter-Lab	52.0729, 1.2693, 18.0910

Details

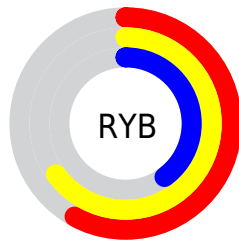
The XYZ color **26.9545, 27.1159, 16.1252** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8773, 20.9210, 38.5878**, and the grayscale version is **25.7238, 27.0634, 29.4721**.

A 20% lighter version of the original color is **54.1171, 54.9008, 37.4504**, and **10.8377, 10.6905, 4.9823** is the 20% darker color. If you saturate the color by 10%, you get **25.2593, 24.8919, 11.9642**, and if you desaturate by 10%, it is **28.8774, 29.5354, 21.1635**.

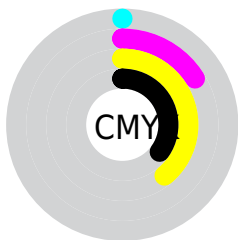
Distribution



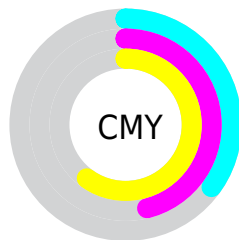
- Red (65%)
- Green (54%)
- Blue (40%)



- Red (58%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9545, 27.1159, 16.1252 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 26.9545, 27.1159, 16.1252 by changing the saturation by 10% instead.


 26.9545, 27.1159,
16.1252


 26.9545, 27.1159,
16.1252


279.6083,
288.2178, 241.9502


 17.6755, 17.6603,
9.4575


 54.2312, 55.0698,
37.5852


 10.8155, 10.7064,
4.9399


 72.9597, 74.3369,
53.2146

 6.0093, 5.8698,
2.1539


 95.5686, 97.6432,
72.6683

 2.8914, 2.7660,
0.6476

 122.4234,
125.3732, 96.3649

 1.0966, 1.0108,
0.0000

153.8894,
157.9113, 124.7228

 0.0223, 0.0000,
0.0000

190.3320,

 0.0000, 0.0000,

195.6418, 158.1606

0.0000

232.1165,
238.9492, 197.0969

■ 26.9545, 27.1159,
16.1252

■ 26.9545, 27.1159,
16.1252

■ 25.2593, 24.8919,
11.9642

■ 28.8774, 29.5354,
21.1635

■ 23.7787, 22.8532,
8.6269

■ 31.0362, 32.1525,
27.1251

■ 22.5015, 20.9944,
6.0566

■ 33.4408, 34.9740,
34.0545

■ 21.4141, 19.3081,
4.1884

■ 36.1001, 38.0052,
41.9930

■ 20.5010, 17.7859,
2.9465

■ 39.0226, 41.2512,
50.9795

■ 19.7332, 16.4142,
2.1857

■ 42.2162, 44.7169,
61.0507

■ 19.6454, 16.2561,
2.1023

■ 45.6885, 48.4068,
72.2416

■ 49.4467, 52.3256,
84.5856

■ 53.4980, 56.4777,
98.1148

Harmonies

Analogous

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



29.7975, 27.1159, 18.8247



26.9545, 27.1159, 16.1252



23.9997, 27.1159, 16.4615

Triad

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



26.9545, 27.1159, 16.1252



20.6786, 27.1159, 35.0350



30.3258, 27.1159, 41.9136

Complementary

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



26.9545, 27.1159, 16.1252



19.8773, 20.9210, 38.5878

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.



27.6312, 27.1159, 48.1342



26.9545, 27.1159, 16.1252



22.1280, 27.1159, 43.6624

Square

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



26.9545, 27.1159, 16.1252



20.5282, 27.1159, 26.3148



24.6262, 27.1159, 48.8299



31.8423, 27.1159, 32.9854

Rectangle

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



26.9545, 27.1159, 16.1252



22.3582, 27.1159, 18.3762



24.6262, 27.1159, 48.8299



29.5186, 27.1159, 44.4594

Sweetspot

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



26.9552, 27.1172, 16.1258



58.3611, 60.8595, 56.5289



24.1157, 18.8849, 23.0505



12.6437, 13.1703, 12.0253



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.



26.9552, 27.1172, 16.1258



45.5023, 44.9344, 22.0535



30.4484, 35.3992, 17.5402



7.3979, 7.7341, 7.4830



14.9122, 12.3983, 1.6072



0.3587, 0.3512, 0.0489

Inverse Universe

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



19.8773, 20.9210, 38.5878



30.9282, 32.1851, 68.3346



17.3026, 15.0438, 37.5891



6.9346, 7.3281, 8.9520



6.8233, 5.4259, 27.6175



0.1897, 0.2066, 0.5957

Previews

White Background



This preview shows how the XYZ color 26.9545, 27.1159, 16.1252 looks on a white background.

Color Contrast Check

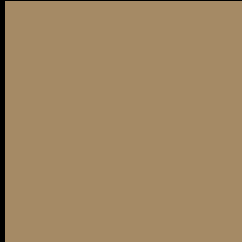
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9545, 27.1159, 16.1252 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 26.9545, 27.1159, 16.1252

Background



This preview shows how black text looks on a background with the XYZ color 26.9545, 27.1159, 16.1252.



This preview shows how white text looks on a background with the XYZ color 26.9545, 27.1159,

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

26.9545, 27.1159, 16.1252

Protanopia

25.2581, 27.0976, 16.7311

Deuteranopia

27.5153, 26.9829, 16.0699



Tritanopia

29.7076, 27.1932, 29.6697

Trichromacy



Original Color

26.9545, 27.1159, 16.1252

Protanomaly

25.8278, 27.1772, 16.4548

Deuteranomaly

27.4431, 27.1557, 16.1071

Tritanomaly

28.7087, 27.2113, 24.1613

Monochromacy



Original Color

26.9545, 27.1159, 16.1252

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9333, 27.0661, 23.9361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9545, 27.1159, 16.1252 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(165, 138, 101)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 101)  
}
```

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(165, 138, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.9545, 27.1159, 16.1252 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(165, 138, 101) }
```


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

```
.border{ border-color:rgb(165, 138, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 101);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9545, 27.1159, 16.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 101) }
```

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

```
.background{ background-color: rgb(165,  
138, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor