

Converting Colors

XYZ(26.7632, 27.0394, 15.1178)

Have a look what the booklet for
XYZ(26.7632, 27.0394, 15.1178)
contains.

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Color

**XYZ(26.7632, 27.0394,
15.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	A58A61
RGB	165, 138, 97
RGB Percent	65%, 54%, 38%
CMY	0.3529, 0.4588, 0.6196
CMYK	0.00, 0.16, 0.41, 0.35
HSL	36°, 27%, 51%
HSV	36°, 41%, 65%
XYZ	26.7632, 27.0394, 15.1178
YIQ	141.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

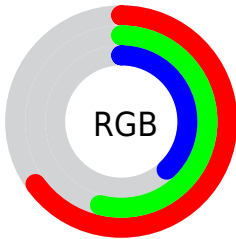
Format	Color
R_{YB}	142, 165, 97
Decimal	10848865
CIE _{Lab}	59.01, 4.40, 25.77
CIE _{LCh}	59, 26.138, 80.314
Yxy	27.0394, 0.3883, 0.3923
Android (android.graphics.Color)	4289038945 (0xFFA58A61)
YUV	141.3990, -21.8887, 20.6981
Hunter-Lab	51.9994, 0.8719, 19.1622

Details

The XYZ color **26.7632, 27.0394, 15.1178** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9287, 19.6725, 38.3968**, and the grayscale version is **25.5501, 26.8806, 29.2730**.

A 20% lighter version of the original color is **53.7949, 54.7719, 35.7537**, and **10.7475, 10.6545, 4.5077** is the 20% darker color. If you saturate the color by 10%, you get **25.1610, 24.9408, 11.1748**, and if you desaturate by 10%, it is **28.5835, 29.3180, 19.9236**.

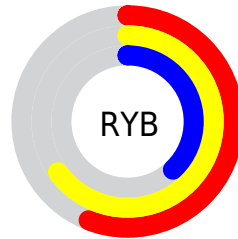
Distribution



Red (65%)

Green (54%)

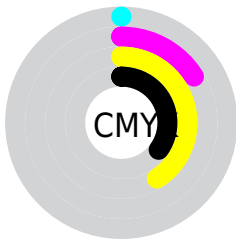
Blue (38%)



Red (56%)

Yellow (65%)

Blue (38%)

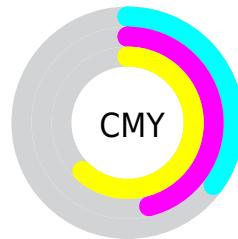


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7632, 27.0394, 15.1178 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 26.7632, 27.0394, 15.1178 by changing the saturation by 10% instead.

■ 26.7632, 27.0394,
15.1178

■ 26.7632, 27.0394,
15.1178

278.6972,
287.8478, 235.7434

■ 17.5311, 17.6028,
8.7546

■ 53.9262, 54.9471,
35.8049

■ 10.7115, 10.6652,
4.4868

■ 72.5879, 74.1870,
50.9659

■ 5.9391, 5.8422,
1.8960

■ 95.1234, 97.4634,
69.8965

■ 2.8484, 2.7494,
0.4902

■ 121.8983,
125.1608, 93.0153

■ 1.0741, 1.0023,
0.0000

153.2777,
157.6636, 120.7409

■ 0.0033, 0.0000,
0.0000

189.6271,

■ 0.0000, 0.0000,

195.3561, 153.4917

0.0000

231.3118,
238.6227, 191.6864

■ 26.7632, 27.0394,
15.1178

■ 26.7632, 27.0394,
15.1178

■ 25.1610, 24.9408,
11.1748

■ 28.5835, 29.3180,
19.9236

■ 23.7639, 23.0123,
8.0400

■ 30.6300, 31.7782,
25.6390

■ 22.5604, 21.2488,
5.6550

■ 32.9127, 34.4268,
32.3094

■ 21.5368, 19.6431,
3.9528

■ 35.4404, 37.2686,
39.9766

■ 20.6770, 18.1870,
2.8542

■ 38.2215, 40.3084,
48.6799

■ 20.0259, 17.0171,
2.2292

■ 41.2639, 43.5507,
58.4566

■ 44.5750, 47.0000,
69.3419

■ 48.1620, 50.6605,
81.3697

■ 52.0320, 54.5363,
94.5721

Harmonies

Analogous

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



29.8895, 27.0394, 17.7300



26.7632, 27.0394, 15.1178



23.5965, 27.0394, 15.6732

Triad

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



26.7632, 27.0394, 15.1178



20.2868, 27.0394, 36.0834



30.8013, 27.0394, 42.3751

Complementary

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



26.7632, 27.0394, 15.1178



18.9287, 19.6725, 38.3968

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.



27.9253, 27.0394, 49.5554



26.7632, 27.0394, 15.1178



21.9218, 27.0394, 45.4258

Square

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



26.7632, 27.0394, 15.1178



20.0326, 27.0394, 26.5388



24.6656, 27.0394, 50.7761



32.3469, 27.0394, 32.5481

Rectangle

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



26.7632, 27.0394, 15.1178



21.8748, 27.0394, 17.8197



24.6656, 27.0394, 50.7761



29.9473, 27.0394, 45.2582

Sweetspot

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



26.7639, 27.0407, 15.1183



58.5125, 61.1621, 56.5793



23.4426, 18.0093, 21.3760



12.6798, 13.2426, 12.0373



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.



26.7639, 27.0407, 15.1183



45.4173, 45.1435, 20.8562



29.7528, 35.0627, 16.5092



7.4123, 7.7630, 7.4878



15.1996, 12.9731, 1.7030



0.3636, 0.3611, 0.0505

Inverse Universe

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



18.9287, 19.6725, 38.3968



29.5518, 30.2362, 68.0309



16.7522, 14.1974, 37.4547



6.9204, 7.2999, 8.9473



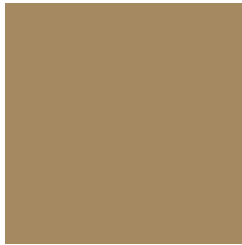
6.6360, 5.0515, 27.5551



0.1849, 0.1970, 0.5941

Previews

White Background



This preview shows how the XYZ color 26.7632, 27.0394, 15.1178 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 26.7632, 27.0394, 15.1178 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 26.7632, 27.0394, 15.1178

Background



This preview shows how black text looks on a background with the XYZ color 26.7632, 27.0394, 15.1178.



This preview shows how white text looks on a background with the XYZ color 26.7632, 27.0394,

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

26.7632, 27.0394, 15.1178

Protanopia

25.2516, 27.1169, 15.7076

Deuteranopia

27.5394, 27.0174, 15.0727



Tritanopia

29.7113, 27.0016, 29.2371

Trichromacy



Original Color

26.7632, 27.0394, 15.1178

Protanomaly

25.8300, 27.2007, 15.4441

Deuteranomaly

27.2518, 27.0792, 15.0997

Tritanomaly

28.4394, 26.8814, 23.4284

Monochromacy



Original Color

26.7632, 27.0394, 15.1178

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6574, 26.7209, 23.2074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7632, 27.0394, 15.1178 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.7632, 27.0394, 15.1178 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, 97) }
```


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

```
.border{ border-color:rgb(165, 138, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7632, 27.0394, 15.1178 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, 97) }
```

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

```
.background{ background-color: rgb(165,  
138, 97) }
```

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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