

Converting Colors

XYZ(27.2293, 26.6651, 15.3980)

Have a look what the booklet for
XYZ(27.2293, 26.6651, 15.3980)
contains.

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Color

**XYZ(27.2783, 26.6638,
15.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	A98763
RGB	169, 135, 99
RGB Percent	66%, 53%, 39%
CMY	0.3373, 0.4706, 0.6118
CMYK	0.00, 0.20, 0.41, 0.34
HSL	31°, 29%, 53%
HSV	31°, 41%, 66%
XYZ	27.2783, 26.6638, 15.5133
YIQ	141.0620, 31.8200, -3.9880

Conversions

Conversions Part 2

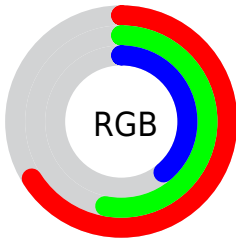
Format	Color
R_{YB}	165, 169, 99
Decimal	11110243
CIE _{Lab}	58.66, 7.99, 24.27
CIE _{LCh}	59, 25.550, 71.774
Yxy	26.6638, 0.3927, 0.3839
Android (android.graphics.Color)	4289300323 (0xFFA98763)
YUV	141.0620, -20.7366, 24.5016
Hunter-Lab	51.6370, 3.9315, 18.3334

Details

The XYZ color **27.2783, 26.6638, 15.5133** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.6943, 22.2915, 40.7481**, and the grayscale version is **25.4123, 26.7358, 29.1152**.

A 20% lighter version of the original color is **54.8523, 54.3372, 36.4513**, and **10.9386, 10.3898, 4.6777** is the 20% darker color. If you saturate the color by 10%, you get **25.4522, 24.1720, 11.3271**, and if you desaturate by 10%, it is **29.3632, 29.4023, 20.6205**.

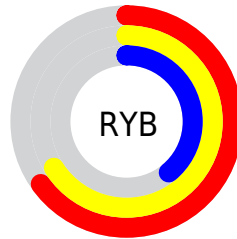
Distribution



Red (66%)

Green (53%)

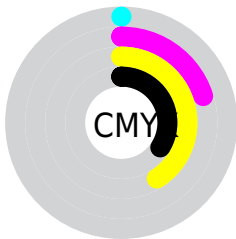
Blue (39%)



Red (65%)

Yellow (66%)

Blue (39%)

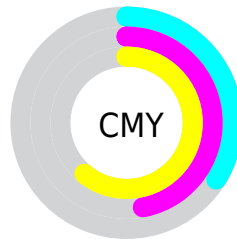


Cyan (0%)

Magenta (20%)

Yellow (41%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2783, 26.6638, 15.5133 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 27.2783, 26.6638, 15.5133 by changing the saturation by 10% instead.


 27.2783, 26.6638,
15.5133


 27.2783, 26.6638,
15.5133


281.1451,
286.0256, 238.1993


 17.9200, 17.3209,
9.0298


 54.7469, 54.3439,
36.5061


 10.9919, 10.4635,
4.6636


 73.5879, 73.4499,
51.8526

 6.1287, 5.7074,
1.9960


 96.3205, 96.5790,
70.9904

 2.9649, 2.6680,
0.5528

 123.3100,
124.1157, 94.3381

 1.1352, 0.9610,
0.0000

154.9219,
156.4443, 122.3143

 0.0543, 0.0000,
0.0000

191.5215,

 0.0000, 0.0000,

193.9492, 155.3376

0.0000

233.4741,
237.0148, 193.8264

■ 27.2783, 26.6638,
15.5133

■ 27.2783, 26.6638,
15.5133

■ 25.4522, 24.1720,
11.3271

■ 29.3632, 29.4023,
20.6205

■ 23.8702, 21.9150,
8.0036

■ 31.7164, 32.3916,
26.6990

■ 22.5191, 19.8852,
5.4804

■ 34.3495, 35.6400,
33.7970

■ 21.3833, 18.0730,
3.6856

■ 37.2726, 39.1547,
41.9594

■ 20.4446, 16.4675,
2.5345

■ 40.4955, 42.9423,
51.2282

■ 19.7642, 15.2390,
1.8997

■ 44.0271, 47.0091,
61.6430

■ 47.8762, 51.3613,
73.2417

■ 52.0513, 56.0048,
86.0603

■ 56.5602, 60.9453,
100.1332

Harmonies

Analogous

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



30.1166, 26.6638, 18.9712



27.2783, 26.6638, 15.5133



24.1312, 26.6638, 15.1841

Triad

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



27.2783, 26.6638, 15.5133



19.8813, 26.6638, 32.7048



29.5810, 26.6638, 43.9274

Complementary

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



27.2783, 26.6638, 15.5133



20.6943, 22.2915, 40.7481

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.



26.5950, 26.6638, 49.4574



27.2783, 26.6638, 15.5133



21.1027, 26.6638, 42.1392

Square

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



27.2783, 26.6638, 15.5133



20.0312, 26.6638, 23.9543



23.5017, 26.6638, 48.7427



31.5198, 26.6638, 34.7817

Rectangle

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



27.2783, 26.6638, 15.5133



22.2956, 26.6638, 16.6762



23.5017, 26.6638, 48.7427



28.6564, 26.6638, 46.3482

Sweetspot

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



27.2790, 26.6651, 15.5138



61.1242, 63.3493, 59.4488



25.1273, 19.0802, 24.9130



13.1913, 13.6472, 12.5991



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.



27.2790, 26.6651, 15.5138



45.7440, 43.5144, 20.6403



32.8024, 37.7118, 17.3550



7.8382, 8.1564, 7.9505



14.7840, 11.4652, 1.4338



0.4106, 0.3808, 0.0519

Inverse Universe

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



20.6943, 22.2915, 40.7481



32.2926, 34.5828, 72.1982



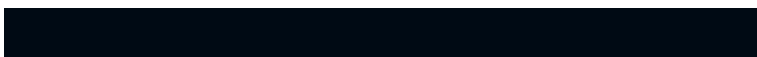
16.7691, 14.4412, 39.4397



7.4212, 7.8794, 9.5481



7.6437, 6.7476, 28.8750



0.2374, 0.2670, 0.7197

Previews

White Background



This preview shows how the XYZ color 27.2783, 26.6638, 15.5133 looks on a white background.

Color Contrast Check

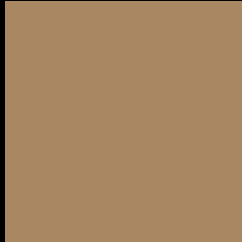
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2783, 26.6638, 15.5133 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 27.2783, 26.6638, 15.5133

Background



This preview shows how black text looks on a background with the XYZ color 27.2783, 26.6638, 15.5133.



This preview shows how white text looks on a background with the XYZ color 27.2783, 26.6638,

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

27.2783, 26.6638, 15.5133

Protanopia

24.8720, 26.6845, 16.4101

Deuteranopia

27.0646, 26.5536, 15.5033



Tritanopia

29.9498, 26.7429, 28.3943

Trichromacy



Original Color

27.2783, 26.6638, 15.5133

Protanomaly

25.6821, 26.6739, 16.1069

Deuteranomaly

27.0646, 26.5536, 15.5033

Tritanomaly

28.9662, 26.7539, 23.0394

Monochromacy



Original Color

27.2783, 26.6638, 15.5133

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7610, 26.5509, 23.5057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2783, 26.6638, 15.5133 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, 135, 99)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 99)  
}
```

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, 135, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 99) }
```

Border

The CSS property to change the border of an element to XYZ 27.2783, 26.6638, 15.5133 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, 135, 99) }
```


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

```
.border{ border-color:rgb(169, 135, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 99);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2783, 26.6638, 15.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 99) }
```

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

```
.background{ background-color: rgb(169,  
135, 99) }
```

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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