

Converting Colors

XYZ(27.3163, 27.9830, 14.7880)

Have a look what the booklet for
XYZ(27.3163, 27.9830, 14.7880)
contains.

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Color

**XYZ(27.3163, 27.9830,
14.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	A68D5F
RGB	166, 141, 95
RGB Percent	65%, 55%, 37%
CMY	0.3490, 0.4470, 0.6274
CMYK	0.00, 0.15, 0.43, 0.35
HSL	39°, 29%, 51%
HSV	39°, 43%, 65%
XYZ	27.3163, 27.9830, 14.7880
YIQ	143.2310, 29.6660, -9.0060

Conversions

Conversions Part 2

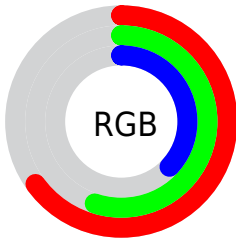
Format	Color
RYB	134, 166, 95
Decimal	10915167
CIELab	59.87, 2.92, 28.01
CIELCh	60, 28.163, 84.045
Yxy	27.9830, 0.3897, 0.3993
Android (android.graphics.Color)	4289105247 (0xFFA68D5F)
YUV	143.2310, -23.7779, 19.9684
Hunter-Lab	52.8990, -0.3982, 20.4546

Details

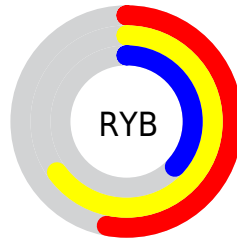
The XYZ color **27.3163, 27.9830, 14.7880** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3184, 18.6182, 38.7044**, and the grayscale version is **26.2851, 27.6540, 30.1152**.

A 20% lighter version of the original color is **54.8276, 56.6351, 35.2361**, and **10.9567, 11.1403, 4.3691** is the 20% darker color. If you saturate the color by 10%, you get **25.8018, 26.0356, 10.9489**, and if you desaturate by 10%, it is **29.0385, 30.0883, 19.4903**.

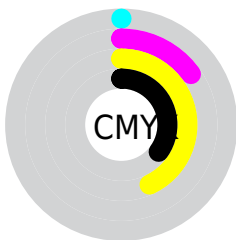
Distribution



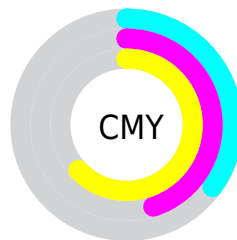
- Red (65%)
- Green (55%)
- Blue (37%)



- Red (53%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3163, 27.9830, 14.7880 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 27.3163, 27.9830, 14.7880 by changing the saturation by 10% instead.


 27.3163, 27.9830,
14.7880


 27.3163, 27.9830,
14.7880


281.3250,
292.3857, 233.6758


 17.9487, 18.3128,
8.5258


 54.8073, 56.4573,
35.2179

 11.0127, 11.1748,
4.3406


 73.6615, 76.0302,
50.2226

 6.1427, 6.1846,
1.8140


 96.4086, 99.6729,
68.9785

 2.9735, 2.9576,
0.4372

 123.4139,
127.7696, 91.9043

 1.1398, 1.1096,
0.0000

155.0429,
160.7049, 119.4183

 0.0580, 0.0000,
0.0000

191.6608,

 0.0000, 0.0000,

198.8631, 151.9392

0.0000

233.6331,
242.6285, 189.8856

■ 27.3163, 27.9830,
14.7880

■ 27.3163, 27.9830,
14.7880

■ 25.8018, 26.0356,
10.9489

■ 29.0385, 30.0883,
19.4903

■ 24.4819, 24.2366,
7.9167

■ 30.9764, 32.3528,
25.1037

■ 23.3451, 22.5814,
5.6312

■ 33.1400, 34.7824,
31.6748

■ 22.3774, 21.0632,
4.0229

■ 35.5380, 37.3818,
39.2464

■ 21.5626, 19.6743,
3.0089

■ 38.1787, 40.1552,
47.8586

■ 21.0420, 18.7393,
2.5080

■ 41.0700, 43.1068,
57.5495

■ 44.2191, 46.2405,
68.3551

■ 47.6332, 49.5601,
80.3097

■ 51.3191, 53.0693,
93.4462

Harmonies

Analogous

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



30.8389, 27.9830, 17.1540



27.3163, 27.9830, 14.7880



23.8944, 27.9830, 15.7992

Triad

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



27.3163, 27.9830, 14.7880



20.8025, 27.9830, 39.2108



32.5559, 27.9830, 43.5454

Complementary

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



27.3163, 27.9830, 14.7880



18.3184, 18.6182, 38.7044

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.



29.4961, 27.9830, 52.2049



27.3163, 27.9830, 14.7880



22.7631, 27.9830, 49.3356

Square

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



27.3163, 27.9830, 14.7880



20.3314, 27.9830, 28.4723



25.8904, 27.9830, 54.5316



34.0333, 27.9830, 32.5564

Rectangle

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



27.3163, 27.9830, 14.7880



22.1002, 27.9830, 18.3997



25.8904, 27.9830, 54.5316



31.6658, 27.9830, 46.9157

Sweetspot

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



27.3170, 27.9843, 14.7886



59.9516, 62.9124, 56.8847



23.2714, 17.6729, 20.2848



13.2208, 13.8621, 12.1284



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.



27.3170, 27.9843, 14.7886



47.0406, 47.5328, 20.3878



29.5155, 35.2198, 16.0693



7.9213, 8.3226, 7.9782



16.3622, 14.6216, 1.9599



0.4434, 0.4464, 0.0628

Inverse Universe

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



18.3184, 18.6182, 38.7044



28.6048, 28.3624, 69.4421



16.7386, 13.9090, 37.8787



7.3398, 7.7165, 9.5209



6.5684, 4.5971, 28.5166



0.2078, 0.2078, 0.7098

Previews

White Background



This preview shows how the XYZ color 27.3163, 27.9830, 14.7880 looks on a white background.

Color Contrast Check

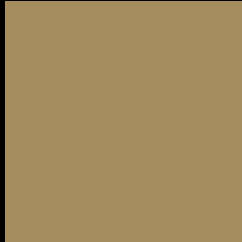
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3163, 27.9830, 14.7880 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 27.3163, 27.9830, 14.7880

Background



This preview shows how black text looks on a background with the XYZ color 27.3163, 27.9830, 14.7880.



This preview shows how white text looks on a background with the XYZ color 27.3163, 27.9830,

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

27.3163, 27.9830, 14.7880

Protanopia

25.9892, 27.9591, 15.0932

Deuteranopia

28.4334, 27.9057, 14.9541



Tritanopia

30.5694, 28.0302, 30.5873

Trichromacy



Original Color

27.3163, 27.9830, 14.7880

Protanomaly

26.4310, 27.9630, 15.0707

Deuteranomaly

27.9215, 27.8558, 14.9714

Tritanomaly

29.1386, 27.8586, 23.9202

Monochromacy



Original Color

27.3163, 27.9830, 14.7880

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2014, 27.4317, 23.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3163, 27.9830, 14.7880 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(166, 141, 95)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 95)  
}
```

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(166, 141, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 95) }
```

Border

The CSS property to change the border of an element to XYZ 27.3163, 27.9830, 14.7880 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(166, 141, 95) }
```


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

```
.border{ border-color:rgb(166, 141, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 95);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3163, 27.9830, 14.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 95) }
```

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

```
.background{ background-color: rgb(166,  
141, 95) }
```

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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