

Converting Colors

XYZ(25.7875, 26.9716, 14.9132)

Have a look what the booklet for
XYZ(25.7875, 26.9716, 14.9132)
contains.

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Color

**XYZ(25.7875, 26.9716,
14.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8C60
RGB	159, 140, 96
RGB Percent	62%, 55%, 38%
CMY	0.3765, 0.4510, 0.6235
CMYK	0.00, 0.12, 0.40, 0.38
HSL	42°, 25%, 50%
HSV	42°, 40%, 62%
XYZ	25.7875, 26.9716, 14.9132
YIQ	140.6650, 25.4480, -9.6560

Conversions

Conversions Part 2

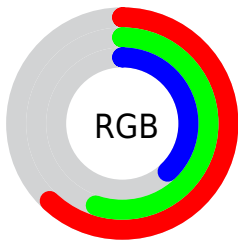
Format	Color
RYB	123, 159, 96
Decimal	10456160
CIELab	58.95, 0.64, 26.13
CIElCh	59, 26.134, 88.605
Yxy	26.9716, 0.3811, 0.3986
Android (android.graphics.Color)	4288646240 (0xFF9F8C60)
YUV	140.6650, -22.0198, 16.0798
Hunter-Lab	51.9342, -2.2521, 19.3285

Details

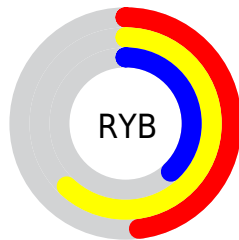
The XYZ color **25.7875, 26.9716, 14.9132** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2125, 17.2510, 35.2236**, and the grayscale version is **25.2633, 26.5789, 28.9445**.

A 20% lighter version of the original color is **52.3608, 54.6936, 35.4010**, and **10.1544, 10.5983, 4.4162** is the 20% darker color. If you saturate the color by 10%, you get **24.4431, 25.3382, 11.2115**, and if you desaturate by 10%, it is **27.3119, 28.7278, 19.4060**.

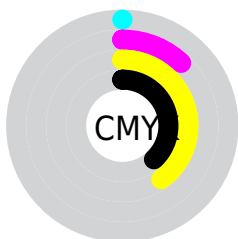
Distribution



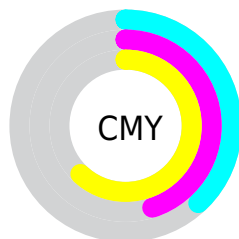
- Red (62%)
- Green (55%)
- Blue (38%)



- Red (48%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7875, 26.9716, 14.9132 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 25.7875, 26.9716, 14.9132 by changing the saturation by 10% instead.

■ 25.7875, 26.9716,
14.9132

■ 25.7875, 26.9716,
14.9132

274.0132,
287.5196, 234.4629

■ 16.7966, 17.5519,
8.6125

■ 52.3657, 54.8383,
35.4410

■ 10.1840, 10.6288,
4.3960

■ 70.6837, 74.0541,
50.5052

■ 5.5843, 5.8178,
1.8450

■ 92.8414, 97.3040,
69.3277

■ 2.6322, 2.7346,
0.4574

■ 119.2041,
124.9724, 92.3269

■ 0.9624, 0.9948,
0.0000

150.1374,
157.4438, 119.9216

■ 0.0000, 0.0000,
0.0000

186.0064,

195.1026, 152.5301

227.1766,
238.3330, 190.5710

■ 25.7875, 26.9716,
14.9132

■ 25.7875, 26.9716,
14.9132

■ 24.4431, 25.3382,
11.2115

■ 27.3119, 28.7278,
19.4060

■ 23.2673, 23.8194,
8.2519

■ 29.0228, 30.6072,
24.7317

■ 22.2503, 22.4118,
5.9822

■ 30.9290, 32.6147,
30.9312

■ 21.3806, 21.1101,
4.3430

■ 33.0378, 34.7538,
38.0421

■ 20.6445, 19.9081,
3.2646

■ 35.3565, 37.0281,
46.0998

■ 20.0118, 18.7931,
2.5900

■ 37.8916, 39.4408,
55.1379

■ 19.9887, 18.7522,
2.5660

■ 40.6496, 41.9948,
65.1883

■ 43.6365, 44.6934,
76.2814

■ 46.8582, 47.5392,
88.4463

Harmonies

Analogous

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



29.0153, 26.9716, 16.6325



25.7875, 26.9716, 14.9132



22.7709, 26.9716, 16.3372

Triad

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



25.7875, 26.9716, 14.9132



20.5522, 26.9716, 38.7510



31.3217, 26.9716, 39.6621

Complementary

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



25.7875, 26.9716, 14.9132



17.2125, 17.2510, 35.2236

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.



28.7313, 26.9716, 47.9532



25.7875, 26.9716, 14.9132



22.5292, 26.9716, 47.3540

Square

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



25.7875, 26.9716, 14.9132



19.9053, 26.9716, 28.9357



25.4845, 26.9716, 51.0249



32.3721, 26.9716, 29.8035

Rectangle

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



25.7875, 26.9716, 14.9132



21.2459, 26.9716, 19.0905



25.4845, 26.9716, 51.0249



30.5920, 26.9716, 42.7959

Sweetspot

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



25.7882, 26.9729, 14.9138



54.4667, 57.4503, 52.3465



21.6306, 16.9968, 18.6487



12.1850, 12.8533, 11.4922



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7882, 26.9729, 14.9138



43.9359, 45.5789, 20.5041



26.6231, 31.8857, 15.8180



7.0012, 7.3824, 7.0416



15.8255, 14.8866, 2.0393



0.3180, 0.3363, 0.0482

Inverse Universe

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



17.2125, 17.2510, 35.2236



26.3084, 25.6111, 62.3003



16.5709, 14.0293, 34.6355



6.4397, 6.7452, 8.3692



5.8088, 3.7091, 26.3170



0.1385, 0.1355, 0.4821

Previews

White Background



This preview shows how the XYZ color 25.7875, 26.9716, 14.9132 looks on a white background.

Color Contrast Check

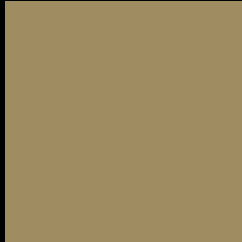
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7875, 26.9716, 14.9132 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 25.7875, 26.9716, 14.9132

Background



This preview shows how black text looks on a background with the XYZ color 25.7875, 26.9716, 14.9132.



This preview shows how white text looks on a background with the XYZ color 25.7875, 26.9716,

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

25.7875, 26.9716, 14.9132

Protanopia

25.1571, 27.0791, 15.2101

Deuteranopia

27.5394, 27.0174, 15.0727



Tritanopia

28.8690, 26.9563, 30.0671

Trichromacy



Original Color

25.7875, 26.9716, 14.9132

Protanomaly

25.3928, 26.9807, 15.1787

Deuteranomaly

26.8292, 26.8614, 15.0800

Tritanomaly

27.5352, 26.8220, 23.8046

Monochromacy



Original Color

25.7875, 26.9716, 14.9132

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4393, 26.8263, 23.2392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7875, 26.9716, 14.9132 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(159, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 96)  
}
```

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(159, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.7875, 26.9716, 14.9132 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(159, 140, 96) }
```


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

```
.border{ border-color:rgb(159, 140, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7875, 26.9716, 14.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 96) }
```

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

```
.background{ background-color: rgb(159,  
140, 96) }
```

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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