

Converting Colors

XYZ(26.7516, 30.8817, 18.4966)

Have a look what the booklet for
XYZ(26.7516, 30.8817, 18.4966)
contains.

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Color

**XYZ(26.7696, 30.8938,
18.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	959B6B
RGB	149, 155, 107
RGB Percent	58%, 61%, 42%
CMY	0.4157, 0.3921, 0.5804
CMYK	0.04, 0.00, 0.31, 0.39
HSL	68°, 19%, 51%
HSV	68°, 31%, 61%
XYZ	26.7696, 30.8938, 18.4621
YIQ	147.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

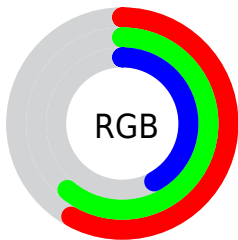
Format	Color
RYB	107, 155, 113
Decimal	9804651
CIELab	62.42, -10.26, 24.51
CIELCh	62, 26.568, 112.721
Yxy	30.8938, 0.3517, 0.4058
Android (android.graphics.Color)	4287994731 (0xFF959B6B)
YUV	147.7340, -20.0819, 1.1103
Hunter-Lab	55.5822, -11.2993, 19.2139

Details

The XYZ color **26.7696, 30.8938, 18.4621** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9854, 16.3935, 33.2285**, and the grayscale version is **28.1157, 29.5799, 32.2125**.

A 20% lighter version of the original color is **53.9603, 60.9415, 41.7198**, and **10.7767, 12.8131, 6.0428** is the 20% darker color. If you saturate the color by 10%, you get **25.6757, 30.4168, 14.5290**, and if you desaturate by 10%, it is **28.0172, 31.4351, 23.1668**.

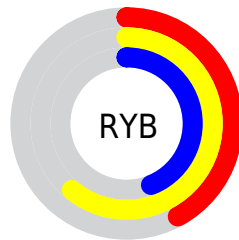
Distribution



Red (58%)

Green (61%)

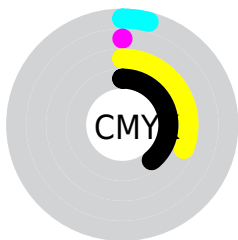
Blue (42%)



Red (42%)

Yellow (61%)

Blue (44%)

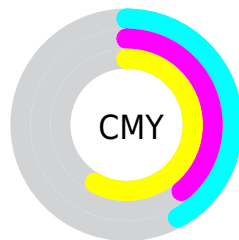


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (39%)



Cyan (42%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7696, 30.8938, 18.4621 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 26.7696, 30.8938, 18.4621 by changing the saturation by 10% instead.

■ 26.7696, 30.8938,
18.4621

■ 26.7696, 30.8938,
18.4621

278.7278,
306.0488, 255.7859

■ 17.5360, 20.5180,
11.1094

■ 53.9364, 61.0728,
41.6477

■ 10.7150, 12.7721,
6.0254

■ 72.6003, 81.6448,
58.3177

■ 5.9414, 7.2718,
2.7915

■ 95.1383, 106.3844,
78.9305

■ 2.8498, 3.6327,
0.9892

■ 121.9158,
135.6758, 103.9046

■ 1.0748, 1.4703,
0.0000

153.2982,
169.9036, 133.6587

■ 0.0039, 0.2677,
0.0000

189.6507,

■ 0.0000, 0.0000,

209.4521, 168.6113

0.0000

231.3388,
254.7057, 209.1808

■ 26.7696, 30.8938,
18.4621

■ 26.7696, 30.8938,
18.4621

■ 25.6757, 30.4168,
14.5290

■ 28.0172, 31.4351,
23.1668

■ 24.7252, 29.9967,
11.3244

■ 29.4234, 32.0395,
28.6791

■ 23.9105, 29.6317,
8.8039

■ 30.9957, 32.7110,
35.0354

■ 23.2219, 29.3177,
6.9176

■ 32.7406, 33.4522,
42.2690

■ 22.6487, 29.0506,
5.6087

■ 34.6641, 34.2655,
50.4116

■ 22.1782, 28.8252,
4.8103

■ 36.7718, 35.1533,
59.4932

■ 21.8132, 28.6462,
4.3796

■ 39.0693, 36.1177,
69.5425

■ 41.5618, 37.1607,
80.5870

■ 44.2544, 38.2845,
92.6531

Harmonies

Analogous

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



30.2496, 30.8938, 17.5530



26.7696, 30.8938, 18.4621



24.1916, 30.8938, 23.0001

Triad

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



26.7696, 30.8938, 18.4621



25.3663, 30.8938, 52.0124



36.7813, 30.8938, 36.2135

Complementary

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



26.7696, 30.8938, 18.4621



17.9854, 16.3935, 33.2285

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.



35.2248, 30.8938, 47.1351



26.7696, 30.8938, 18.4621



28.4951, 30.8938, 57.3914

Square

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



26.7696, 30.8938, 18.4621



23.4288, 30.8938, 41.8934



32.1200, 30.8938, 55.4447



36.2245, 30.8938, 26.5454

Rectangle

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



26.7696, 30.8938, 18.4621



23.2359, 30.8938, 28.0853



32.1200, 30.8938, 55.4447



36.4838, 30.8938, 39.8784

Sweetspot

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



26.7704, 30.8952, 18.4628



53.1738, 57.5827, 53.2863



22.0331, 19.7521, 16.5616



11.9520, 12.9978, 11.7267



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.7704, 30.8952, 18.4628



46.5873, 54.7365, 28.1589



22.8923, 28.8959, 18.2813



6.6329, 7.1837, 6.6428



17.5413, 23.0188, 3.5185



0.2808, 0.3537, 0.0535

Inverse Universe

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



17.9854, 16.3935, 33.2285



28.3656, 24.6487, 58.7989



21.4262, 18.1673, 33.3895



5.9527, 6.0615, 7.7852



4.9931, 2.0251, 25.0354



0.0910, 0.0387, 0.3750

Previews

White Background



This preview shows how the XYZ color 26.7696, 30.8938, 18.4621 looks on a white background.

Color Contrast Check

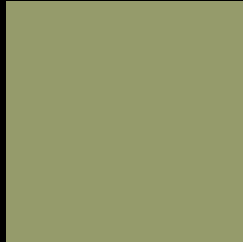
Large Text (above 18pt) WCAG AA × Fail

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 26.7696, 30.8938, 18.4621 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 ✓ Pass

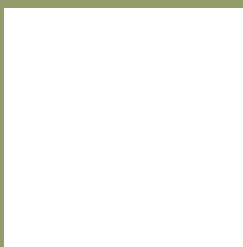
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7696, 30.8938, 18.4621

Background



This preview shows how black text looks on a background with the XYZ color 26.7696, 30.8938, 18.4621.



This preview shows how white text looks on a background with the XYZ color 26.7696, 30.8938,

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

26.7696, 30.8938, 18.4621

Protanopia

28.7207, 30.9397, 17.8228

Deuteranopia

31.3240, 30.6344, 18.7301



Tritanopia

30.6454, 30.7858, 37.5848

Trichromacy



Original Color

26.7696, 30.8938, 18.4621

Protanomaly

27.9303, 30.7662, 18.1021

Deuteranomaly

29.4451, 30.5873, 18.5394

Tritanomaly

29.0112, 30.8286, 29.6208

Monochromacy



Original Color

26.7696, 30.8938, 18.4621

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5130, 30.1226, 26.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7696, 30.8938, 18.4621 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(149, 155, 107)` looks like.

```
.text, #text, p{  
    color:rgb(149, 155, 107)  
}
```

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(149, 155, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 155, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.7696, 30.8938, 18.4621 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(149, 155, 107) }
```


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

```
.border{ border-color:rgb(149, 155, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 155, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 155, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 155, 107);  
box-shadow:4px 4px 4px 4px rgb(149, 155,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7696, 30.8938, 18.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 155, 107) }
```

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

```
.background{ background-color: rgb(149,  
155, 107) }
```

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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