

Converting Colors

XYZ(16.9367, 18.3627, 13.2167)

Have a look what the booklet for
XYZ(16.9367, 18.3627, 13.2167)
contains.

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Color

**XYZ(16.9294, 18.2869,
13.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	7C775E
RGB	124, 119, 94
RGB Percent	49%, 47%, 37%
CMY	0.5137, 0.5333, 0.6314
CMYK	0.00, 0.04, 0.24, 0.51
HSL	50°, 14%, 43%
HSV	50°, 24%, 49%
XYZ	16.9294, 18.2869, 13.2271
YIQ	117.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

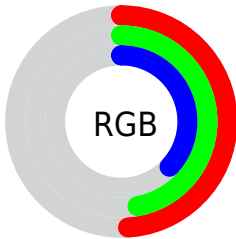
Format	Color
R_{YB}	100, 124, 94
Decimal	8157022
CIE Lab	49.84, -2.48, 14.47
CIE LCh	50, 14.680, 99.728
Yxy	18.2869, 0.3495, 0.3775
Android (android.graphics.Color)	4286347102 (0xFF7C775E)
YUV	117.6450, -11.6570, 5.5733
Hunter-Lab	42.7632, -4.1697, 11.5952

Details

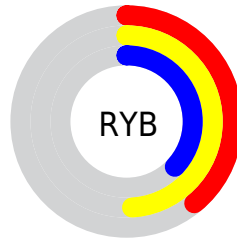
The XYZ color **16.9294, 18.2869, 13.2271** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7160, 12.7583, 20.8613**, and the grayscale version is **17.1422, 18.0349, 19.6400**.

A 20% lighter version of the original color is **37.7284, 40.4865, 32.2117**, and **5.6884, 6.2157, 3.6963** is the 20% darker color. If you saturate the color by 10%, you get **16.1741, 17.5963, 10.4472**, and if you desaturate by 10%, it is **17.7804, 19.0256, 16.4804**.

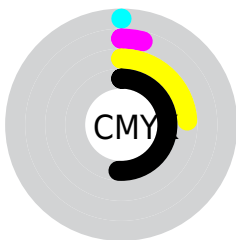
Distribution



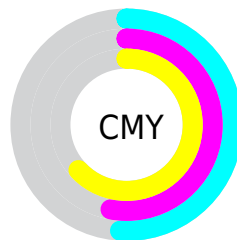
- Red (49%)
- Green (47%)
- Blue (37%)



- Red (39%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9294, 18.2869, 13.2271 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 16.9294, 18.2869, 13.2271 by changing the saturation by 10% instead.

■ 16.9294, 18.2869,
13.2271

■ 16.9294, 18.2869,
13.2271

227.9294,
242.4832, 223.6267

■ 10.2792, 11.1562,
7.4526

■ 37.7489, 40.5256,
32.4083

■ 5.6481, 6.1720,
3.6640

■ 52.6489, 56.4023,
46.6521

■ 2.6709, 2.9499,
1.4429

■ 71.0295, 75.9632,
64.5560

■ 0.9822, 1.1056,
0.1748

■ 93.2561, 99.5926,
86.5386

■ 0.0000, 0.0000,
0.0000

119.6940,
127.6749, 113.0184

150.7086,

160.5945, 144.4140

186.6653,
198.7358, 181.1440

■ 16.9294, 18.2869,
13.2271

■ 16.9294, 18.2869,
13.2271

■ 16.1741, 17.5963,
10.4472

■ 17.7804, 19.0256,
16.4804

■ 15.5088, 16.9496,
8.1172

■ 18.7297, 19.8115,
20.2270

■ 14.9294, 16.3457,
6.2131

■ 19.7816, 20.6471,
24.4870

■ 14.4307, 15.7825,
4.7083

■ 20.9395, 21.5339,
29.2788

■ 14.0071, 15.2576,
3.5733

■ 22.2070, 22.4733,
34.6203

■ 13.6521, 14.7685,
2.7744

■ 23.5872, 23.4665,
40.5284

■ 13.3570, 14.3115,
2.2652

■ 25.0832, 24.5150,
47.0190

■ 13.1969, 14.0544,
2.0172

■ 26.6981, 25.6198,
54.1079

■ 28.4346, 26.7823,
61.8097

Harmonies

Analogous

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



18.3325, 18.2869, 13.5088



16.9294, 18.2869, 13.2271



15.7137, 18.2869, 14.5418

Triad

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



16.9294, 18.2869, 13.2271



15.3882, 18.2869, 25.2676



20.0360, 18.2869, 22.7094

Complementary

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



16.9294, 18.2869, 13.2271



12.7160, 12.7583, 20.8613

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.



19.1626, 18.2869, 26.4625



16.9294, 18.2869, 13.2271



16.4633, 18.2869, 28.0718

Square

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



16.9294, 18.2869, 13.2271



14.8560, 18.2869, 21.2452



17.8409, 18.2869, 28.5363



20.1773, 18.2869, 18.6345

Rectangle

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



16.9294, 18.2869, 13.2271



15.1543, 18.2869, 16.2657



17.8409, 18.2869, 28.5363



19.8161, 18.2869, 24.0646

Sweetspot

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



16.9299, 18.2877, 13.2275



32.4445, 34.4432, 33.5416



14.5672, 13.1916, 13.5831



7.6238, 8.0976, 7.8307



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9299, 18.2877, 13.2275



29.0414, 31.5034, 20.4881



16.1676, 18.8010, 13.3667



4.2536, 4.5257, 4.2739



13.4142, 14.2844, 2.0502



63.4532, 67.0699, 9.6014

Inverse Universe

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



12.7160, 12.7583, 20.8613



20.2873, 20.0178, 36.3512



13.3499, 12.4039, 20.7595



3.8466, 3.9916, 5.0109



3.9632, 2.0089, 19.5642



18.4719, 8.7164, 93.1786

Previews

White Background



This preview shows how the XYZ color 16.9294, 18.2869, 13.2271 looks on a white background.

Color Contrast Check

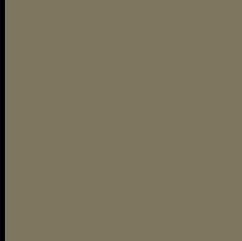
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.9294, 18.2869, 13.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

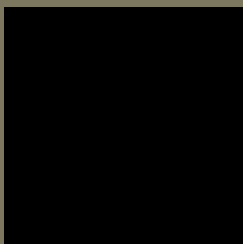
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

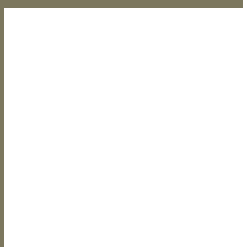
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9294, 18.2869, 13.2271

Background



This preview shows how black text looks on a background with the XYZ color 16.9294, 18.2869, 13.2271.

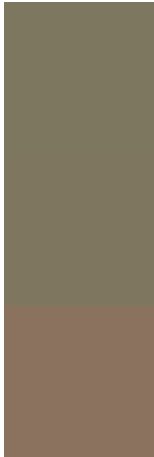


This preview shows how white text looks on a background with the XYZ color 16.9294, 18.2869,

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

16.9294, 18.2869, 13.2271

Protanopia

17.1030, 18.2006, 13.2013

Deuteranopia

18.5641, 18.2641, 13.3734



Tritanopia

18.6709, 18.3059, 21.6181

Trichromacy



Original Color

16.9294, 18.2869, 13.2271

Protanomaly

16.9563, 18.1250, 13.1945

Deuteranomaly

17.9838, 18.3036, 13.4116

Tritanomaly

17.9784, 18.1951, 18.1872

Monochromacy



Original Color

16.9294, 18.2869, 13.2271

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9845, 18.0541, 17.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9294, 18.2869, 13.2271 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(124, 119, 94)` looks like.

```
.text, #text, p{  
    color:rgb(124, 119, 94)  
}
```

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(124, 119, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 119, 94) }
```

Border

The CSS property to change the border of an element to XYZ 16.9294, 18.2869, 13.2271 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(124, 119, 94) }
```


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

```
.border{ border-color:rgb(124, 119, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 119, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 119, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 119, 94);  
box-shadow:4px 4px 4px 4px rgb(124, 119,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9294, 18.2869, 13.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 119, 94) }
```

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

```
.background{ background-color: rgb(124,  
119, 94) }
```

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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