

Converting Colors

XYZ(16.7008, 16.7317, 14.9532)

Have a look what the booklet for
XYZ(16.7008, 16.7317, 14.9532)
contains.

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Color

**XYZ(16.6869, 16.7638,
14.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6F66
RGB	126, 111, 102
RGB Percent	49%, 44%, 40%
CMY	0.5059, 0.5647, 0.6000
CMYK	0.00, 0.12, 0.19, 0.51
HSL	23°, 11%, 45%
HSV	23°, 19%, 49%
XYZ	16.6869, 16.7638, 14.9266
YIQ	114.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

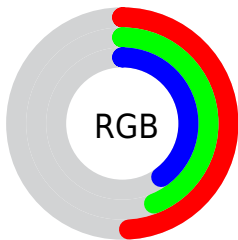
Format	Color
R_{YB}	126, 116, 102
Decimal	8286054
CIE _{Lab}	47.96, 4.28, 7.15
CIE _{LCh}	48, 8.335, 59.113
Yxy	16.7638, 0.3449, 0.3465
Android (android.graphics.Color)	4286476134 (0xFF7E6F66)
YUV	114.4590, -6.1423, 10.1215
Hunter-Lab	40.9436, 1.0978, 7.0455

Details

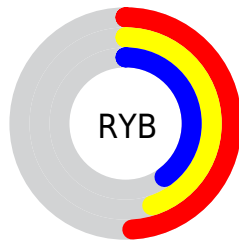
The XYZ color **16.6869, 16.7638, 14.9266** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6066, 17.0533, 22.2079**, and the grayscale version is **16.1480, 16.9889, 18.5009**.

A 20% lighter version of the original color is **37.4374, 38.0780, 35.5136**, and **5.5277, 5.4086, 4.3671** is the 20% darker color. If you saturate the color by 10%, you get **15.2874, 14.8899, 11.6080**, and if you desaturate by 10%, it is **18.2580, 18.8287, 18.7715**.

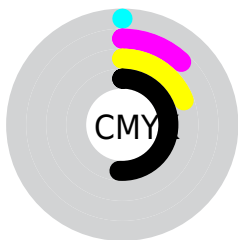
Distribution



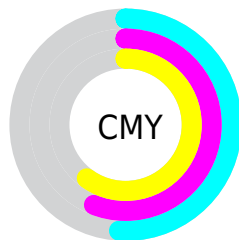
- Red (49%)
- Green (44%)
- Blue (40%)



- Red (49%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6869, 16.7638, 14.9266 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 16.6869, 16.7638, 14.9266 by changing the saturation by 10% instead.

■ 16.6869, 16.7638,
14.9266

■ 16.6869, 16.7638,
14.9266

226.5531,
233.8075, 234.5470

■ 10.1054, 10.0662,
8.6218

■ 37.3346, 37.9192,
35.4648

■ 5.5317, 5.4429,
4.4019

■ 52.1314, 53.1459,
50.5354

■ 2.6004, 2.5094,
1.8483

■ 70.3975, 71.9843,
69.3650

■ 0.9462, 0.8813,
0.4596

■ 92.4981, 94.8190,
92.3721

■ 0.0000, 0.0000,
0.0000

118.7987,
122.0342, 119.9753

149.6644,

154.0145, 152.5932

185.4608,
191.1441, 190.6442

■ 16.6869, 16.7638,
14.9266

■ 16.6869, 16.7638,
14.9266

■ 15.2874, 14.8899,
11.6080

■ 18.2580, 18.8287,
18.7715

■ 14.0521, 13.1992,
8.7914

■ 20.0053, 21.0876,
23.1633

■ 12.9746, 11.6865,
6.4524

■ 21.9349, 23.5465,
28.1229

■ 12.0479, 10.3456,
4.5638

■ 24.0519, 26.2104,
33.6697

■ 11.2643, 9.1698,
3.0958

■ 26.3617, 29.0839,
39.8222

■ 10.6152, 8.1519,
2.0149

■ 28.8689, 32.1716,
46.5980

■ 10.0909, 7.2842,
1.2826

■ 31.5784, 35.4780,
54.0141

■ 9.6683, 6.5533,
0.7898

■ 34.4948, 39.0074,
62.0869

■ 9.6313, 6.4898,
0.7450

■ 37.6223, 42.7639,
70.8320

Harmonies

Analogous

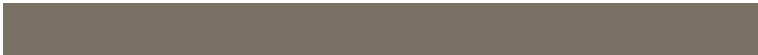
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.2297, 16.7638, 16.3125



16.6869, 16.7638, 14.9266



15.9559, 16.7638, 14.4196

Triad

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



16.6869, 16.7638, 14.9266



14.5318, 16.7638, 18.1889



16.6470, 16.7638, 22.1127

Complementary

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



16.6869, 16.7638, 14.9266



15.6066, 17.0533, 22.2079

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.



15.9111, 16.7638, 22.7117



16.6869, 16.7638, 14.9266



14.7040, 16.7638, 20.3415

Square

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



16.6869, 16.7638, 14.9266



14.7252, 16.7638, 16.2097



15.2031, 16.7638, 22.0400



17.2061, 16.7638, 20.4610

Rectangle

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



16.6869, 16.7638, 14.9266



15.4650, 16.7638, 14.6150



15.2031, 16.7638, 22.0400



16.4114, 16.7638, 22.4494

Sweetspot

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



16.6874, 16.7646, 14.9270



32.9995, 34.2624, 35.1880



16.5784, 15.2276, 18.9570



7.4722, 7.7493, 7.9190



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.



16.6874, 16.7646, 14.9270



28.2302, 27.9868, 23.5393



18.0608, 19.5115, 15.3848



4.4497, 4.5881, 4.5712



9.8769, 6.6502, 0.7630



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6066, 17.0533, 22.2079



25.9500, 28.5946, 38.8960



14.3176, 14.4753, 21.7782



4.3151, 4.6242, 5.4784



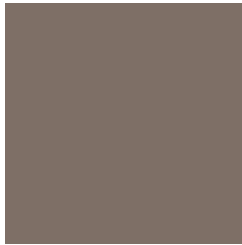
6.7083, 7.2351, 21.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6869, 16.7638, 14.9266 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 16.6869, 16.7638, 14.9266 looks on a black 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

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

XYZ 16.6869, 16.7638, 14.9266

Background



This preview shows how black text looks on a background with the XYZ color 16.6869, 16.7638, 14.9266.

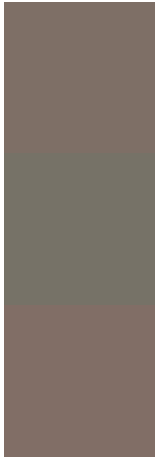


This preview shows how white text looks on a background with the XYZ color 16.6869, 16.7638,

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

16.6869, 16.7638, 14.9266

Protanopia

15.9367, 16.8655, 15.2474

Deuteranopia

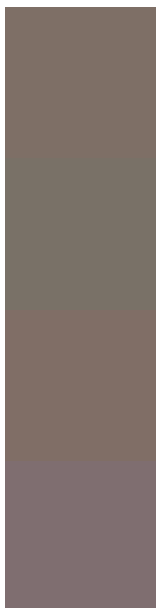
17.0275, 16.7783, 14.9115



Tritanopia

17.5816, 16.8108, 19.1478

Trichromacy



Original Color

16.6869, 16.7638, 14.9266

Protanomaly

16.2385, 16.8545, 15.2293

Deuteranomaly

16.8763, 16.7004, 14.9044

Tritanomaly

17.2530, 16.8337, 17.6691

Monochromacy



Original Color

16.6869, 16.7638, 14.9266

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1908, 16.7876, 17.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6869, 16.7638, 14.9266 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(126, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 111, 102)  
}
```

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(126, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 111, 102) }
```

Border

The CSS property to change the border of an element to XYZ 16.6869, 16.7638, 14.9266 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(126, 111, 102) }
```


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

```
.border{ border-color:rgb(126, 111, 102) }
```

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

Here you see how a box with a 4 pixel rgb(126, 111, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 111,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6869, 16.7638, 14.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 111, 102) }
```

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

```
.background{ background-color: rgb(126,  
111, 102) }
```

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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