

Converting Colors

XYZ(16.8112, 17.7410, 16.3745)

Have a look what the booklet for
XYZ(16.8112, 17.7410, 16.3745)
contains.

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Color

**XYZ(16.9003, 17.8491,
16.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	79756B
RGB	121, 117, 107
RGB Percent	47%, 46%, 42%
CMY	0.5255, 0.5412, 0.5804
CMYK	0.00, 0.03, 0.12, 0.53
HSL	43°, 6%, 45%
HSV	43°, 12%, 47%
XYZ	16.9003, 17.8491, 16.4644
YIQ	117.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

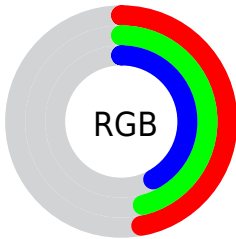
Format	Color
R_{YB}	113, 121, 107
Decimal	7959915
CIE Lab	49.31, -0.36, 6.06
CIE LCh	49, 6.067, 93.388
Yxy	17.8491, 0.3300, 0.3485
Android (android.graphics.Color)	4286149995 (0xFF79756B)
YUV	117.0560, -4.9576, 3.4589
Hunter-Lab	42.2482, -2.5300, 6.4680

Details

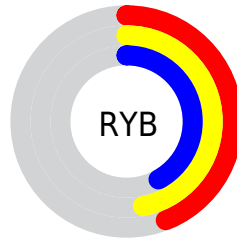
The XYZ color **16.9003, 17.8491, 16.4644** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1990, 15.8748, 20.3524**, and the grayscale version is **16.9400, 17.8222, 19.4083**.

A 20% lighter version of the original color is **37.5931, 39.7288, 38.0348**, and **5.6162, 5.9602, 5.1294** is the 20% darker color. If you saturate the color by 10%, you get **15.9128, 16.8224, 13.2112**, and if you desaturate by 10%, it is **17.9928, 18.9427, 20.1926**.

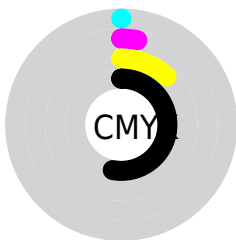
Distribution



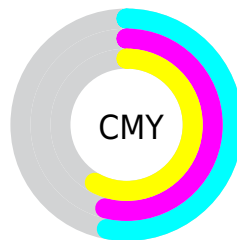
- Red (47%)
- Green (46%)
- Blue (42%)



- Red (44%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9003, 17.8491, 16.4644 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 16.9003, 17.8491, 16.4644 by changing the saturation by 10% instead.

■ 16.9003, 17.8491,
16.4644

■ 16.9003, 17.8491,
16.4644

227.7646,
240.0191, 244.0052

■ 10.2583, 10.8417,
9.6955

■ 37.6992, 39.7800,
38.1805

■ 5.6341, 5.9605,
5.0946

■ 52.5869, 55.4723,
53.9648

■ 2.6624, 2.8211,
2.2431

■ 70.9538, 74.8284,
73.5912

■ 0.9779, 1.0390,
0.6991

■ 93.1653, 98.2327,
97.4784

■ 0.0000, 0.0000,
0.0000

119.5868,
126.0695, 126.0449

150.5836,

158.7232, 159.7091

186.5211,
196.5783, 198.8897

■ 16.9003, 17.8491,
16.4644

■ 16.9003, 17.8491,
16.4644

■ 15.9128, 16.8224,
13.2112

■ 17.9928, 18.9427,
20.1926

■ 15.0249, 15.8585,
10.4125

■ 19.1923, 20.1026,
24.4129

■ 14.2331, 14.9563,
8.0477

■ 20.5030, 21.3312,
29.1431

■ 13.5329, 14.1138,
6.0946

■ 21.9279, 22.6300,
34.3996

■ 12.9195, 13.3287,
4.5286

■ 23.4702, 24.0006,
40.1982

■ 12.3877, 12.5987,
3.3227

■ 25.1330, 25.4443,
46.5539

■ 11.9315, 11.9211,
2.4465

■ 26.9191, 26.9625,
53.4813

■ 11.5439, 11.2929,
1.8642

■ 28.8313, 28.5566,
60.9943

■ 11.2492, 10.7930,
1.4904

■ 30.8722, 30.2279,
69.1063

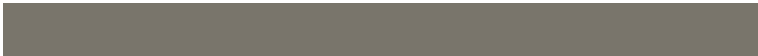
Harmonies

Analogous

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



17.4611, 17.8491, 16.7592



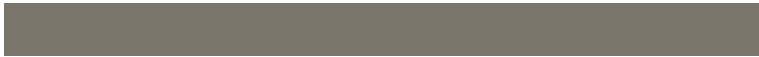
16.9003, 17.8491, 16.4644



16.3686, 17.8491, 16.9279

Triad

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



16.9003, 17.8491, 16.4644



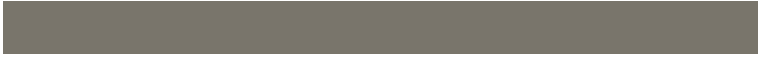
16.0656, 17.8491, 21.2151



17.9647, 17.8491, 20.8760

Complementary

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



16.9003, 17.8491, 16.4644



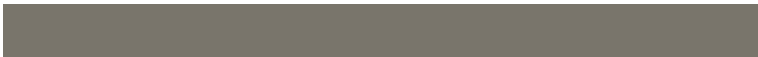
15.1990, 15.8748, 20.3524

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.



17.5758, 17.8491, 22.1773



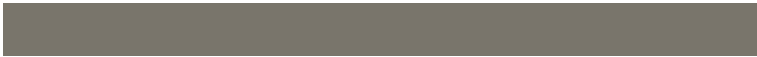
16.9003, 17.8491, 16.4644



16.4784, 17.8491, 22.3807

Square

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



16.9003, 17.8491, 16.4644



15.8935, 17.8491, 19.6209



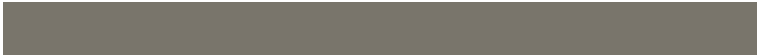
17.0299, 17.8491, 22.7422



18.0837, 17.8491, 19.2496

Rectangle

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



16.9003, 17.8491, 16.4644



16.0997, 17.8491, 17.6207



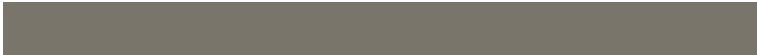
17.0299, 17.8491, 22.7422



17.8608, 17.8491, 21.3690

Sweetspot

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



16.9008, 17.8499, 16.4648



31.9135, 33.6190, 35.0989



16.0233, 15.7327, 17.2892



7.2641, 7.6544, 7.9117



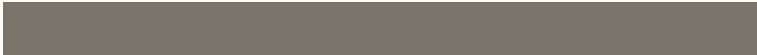
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.9008, 17.8499, 16.4648



29.7544, 31.4411, 27.7804



16.9898, 18.6020, 16.6053



4.2156, 4.4497, 4.2612



12.0454, 11.5467, 1.5939



56.7041, 53.5717, 7.3517

Inverse Universe

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



15.1990, 15.8748, 20.3524



26.0436, 27.1346, 36.2578



15.1147, 15.1983, 20.2262



3.8822, 4.0628, 5.0228



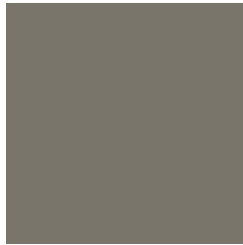
4.3196, 2.7216, 19.6830



19.9646, 11.7019, 93.6762

Previews

White Background



This preview shows how the XYZ color 16.9003, 17.8491, 16.4644 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 16.9003, 17.8491, 16.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

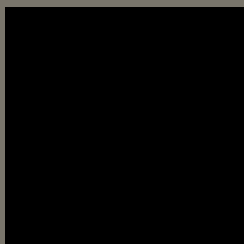
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

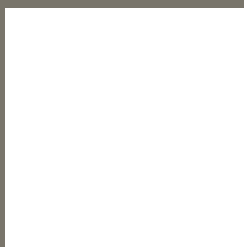
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9003, 17.8491, 16.4644

Background



This preview shows how black text looks on a background with the XYZ color 16.9003, 17.8491, 16.4644.



This preview shows how white text looks on a background with the XYZ color 16.9003, 17.8491,

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

16.9003, 17.8491, 16.4644

Protanopia

17.0412, 17.9217, 16.4710

Deuteranopia

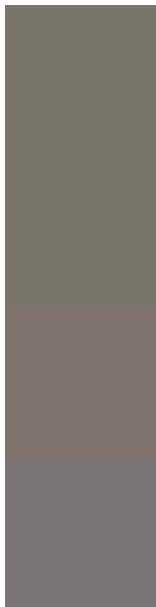
18.1276, 17.7985, 16.6674



Tritanopia

17.9372, 17.9277, 21.5838

Trichromacy



Original Color

16.9003, 17.8491, 16.4644

Protanomaly

17.0412, 17.9217, 16.4710

Deuteranomaly

17.6262, 17.7065, 16.6761

Tritanomaly

17.5414, 17.9364, 19.6771

Monochromacy



Original Color

16.9003, 17.8491, 16.4644

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8131, 17.7664, 18.1659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9003, 17.8491, 16.4644 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(121, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 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(121, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.9003, 17.8491, 16.4644 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(121, 117, 107) }
```


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

```
.border{ border-color:rgb(121, 117, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 117, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(121, 117,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9003, 17.8491, 16.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 107) }
```

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

```
.background{ background-color: rgb(121,  
117, 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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