

Converting Colors

XYZ(17.5105, 18.6612, 17.1948)

Have a look what the booklet for
XYZ(17.5105, 18.6612, 17.1948)
contains.

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Color

**XYZ(17.5028, 18.6746,
17.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	7A786D
RGB	122, 120, 109
RGB Percent	48%, 47%, 43%
CMY	0.5216, 0.5294, 0.5725
CMYK	0.00, 0.02, 0.11, 0.52
HSL	51°, 6%, 45%
HSV	51°, 11%, 48%
XYZ	17.5028, 18.6746, 17.1501
YIQ	119.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

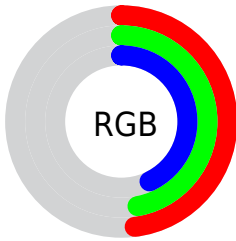
Format	Color
R_{YB}	111, 122, 109
Decimal	8026221
CIE Lab	50.30, -1.33, 6.31
CIE LCh	50, 6.446, 101.916
Yxy	18.6746, 0.3282, 0.3502
Android (android.graphics.Color)	4286216301 (0xFF7A786D)
YUV	119.3440, -5.0996, 2.3293
Hunter-Lab	43.2141, -3.3277, 6.7199

Details

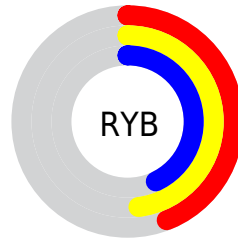
The XYZ color **17.5028, 18.6746, 17.1501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5040, 16.0250, 20.6885**, and the grayscale version is **17.6586, 18.5782, 20.2317**.

A 20% lighter version of the original color is **38.5532, 41.0418, 39.1476**, and **5.9345, 6.3990, 5.4798** is the 20% darker color. If you saturate the color by 10%, you get **16.6681, 17.9841, 13.8535**, and if you desaturate by 10%, it is **18.4342, 19.4121, 20.9292**.

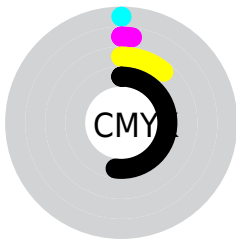
Distribution



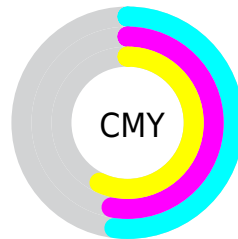
- Red (48%)
- Green (47%)
- Blue (43%)



- Red (44%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5028, 18.6746, 17.1501 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 17.5028, 18.6746, 17.1501 by changing the saturation by 10% instead.

■ 17.5028, 18.6746,
17.1501

■ 17.5028, 18.6746,
17.1501

231.1536,
244.6464, 248.1090

■ 10.6911, 11.4354,
10.1785

■ 38.7250, 41.1835,
39.3779

■ 5.9253, 6.3605,
5.4103

■ 53.8663, 57.2220,
55.4711

■ 2.8399, 3.0655,
2.4270

■ 72.5148, 76.9624,
75.4419

■ 1.0697, 1.1660,
0.8011

■ 95.0360, 100.7891,
99.7089

■ 0.0000, 0.0337,
0.0000

121.7950,
129.0864, 128.6905

■ 0.0000, 0.0000,
0.0000

153.1574,

162.2388, 162.8054

189.4885,
200.6307, 202.4721

■ 17.5028, 18.6746,
17.1501

■ 17.5028, 18.6746,
17.1501

■ 16.6681, 17.9841,
13.8535

■ 18.4342, 19.4121,
20.9292

■ 15.9247, 17.3365,
11.0184

■ 19.4642, 20.1955,
25.2081

■ 15.2691, 16.7311,
8.6243

■ 20.5967, 21.0270,
30.0048

■ 14.6970, 16.1659,
6.6486

■ 21.8349, 21.9080,
35.3360

■ 14.2037, 15.6393,
5.0665

■ 23.1818, 22.8398,
41.2176

■ 13.7841, 15.1489,
3.8507

■ 24.6405, 23.8234,
47.6648

■ 13.4321, 14.6924,
2.9705

■ 26.2136, 24.8602,
54.6925

■ 13.1410, 14.2670,
2.3901

■ 27.9039, 25.9511,
62.3147

■ 12.9017, 13.8887,
2.0008

■ 29.7140, 27.0974,
70.5451

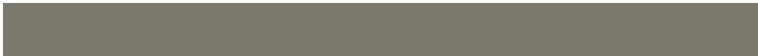
Harmonies

Analogous

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



18.1251, 18.6746, 17.2357



17.5028, 18.6746, 17.1501



16.9593, 18.6746, 17.8798

Triad

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



17.5028, 18.6746, 17.1501



16.8708, 18.6746, 22.7190



18.9160, 18.6746, 21.4200

Complementary

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



17.5028, 18.6746, 17.1501



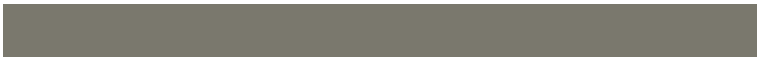
15.5040, 16.0250, 20.6885

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.



18.5642, 18.6746, 23.0020



17.5028, 18.6746, 17.1501



17.3794, 18.6746, 23.7817

Square

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



17.5028, 18.6746, 17.1501



16.6002, 18.6746, 21.0520



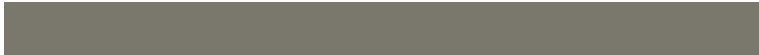
17.9988, 18.6746, 23.8882



18.9510, 18.6746, 19.6314

Rectangle

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



17.5028, 18.6746, 17.1501



16.7109, 18.6746, 18.7568



17.9988, 18.6746, 23.8882



18.8305, 18.6746, 21.9961

Sweetspot

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



17.5033, 18.6754, 17.1505



32.0194, 33.8307, 35.1342



16.3733, 16.2265, 17.3564



7.2939, 7.7139, 7.9216



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.



17.5033, 18.6754, 17.1505



30.3866, 32.5245, 28.5495



17.1461, 18.8516, 17.2033



4.2578, 4.5340, 4.2752



13.5785, 14.6129, 2.1049



64.2683, 68.7001, 9.8731

Inverse Universe

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



15.5040, 16.0250, 20.6885



26.0681, 26.7997, 36.1918



15.8348, 15.8756, 20.6422



3.8428, 3.9839, 5.0096



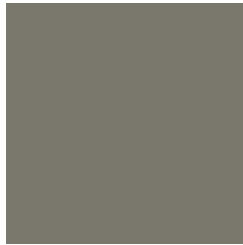
3.9347, 1.9519, 19.5547



18.3608, 8.4942, 93.1416

Previews

White Background



This preview shows how the XYZ color 17.5028, 18.6746, 17.1501 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 17.5028, 18.6746, 17.1501 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

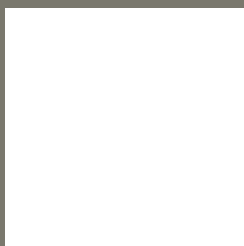
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5028, 18.6746, 17.1501

Background



This preview shows how black text looks on a background with the XYZ color 17.5028, 18.6746, 17.1501.

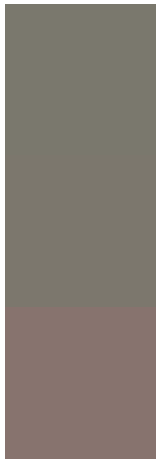


This preview shows how white text looks on a background with the XYZ color 17.5028, 18.6746,

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

17.5028, 18.6746, 17.1501

Protanopia

17.6693, 18.5829, 17.1236

Deuteranopia

18.9369, 18.5382, 17.3320



Tritanopia

18.6495, 18.6149, 22.6888

Trichromacy



Original Color

17.5028, 18.6746, 17.1501

Protanomaly

17.5255, 18.5087, 17.1168

Deuteranomaly

18.3817, 18.5942, 17.3721

Tritanomaly

18.1808, 18.5980, 20.4008

Monochromacy



Original Color

17.5028, 18.6746, 17.1501

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4371, 18.4245, 18.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5028, 18.6746, 17.1501 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(122, 120, 109)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 109)  
}
```

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(122, 120, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.5028, 18.6746, 17.1501 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(122, 120, 109) }
```


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

```
.border{ border-color:rgb(122, 120, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 109);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5028, 18.6746, 17.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 109) }
```

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

```
.background{ background-color: rgb(122,  
120, 109) }
```

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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