

Converting Colors

XYZ(17.0950, 18.1471, 15.4337)

Have a look what the booklet for
XYZ(17.0950, 18.1471, 15.4337)
contains.

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Color

**XYZ(17.0950, 18.1471,
15.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7667
RGB	123, 118, 103
RGB Percent	48%, 46%, 40%
CMY	0.5176, 0.5372, 0.5961
CMYK	0.00, 0.04, 0.16, 0.52
HSL	45°, 9%, 44%
HSV	45°, 16%, 48%
XYZ	17.0950, 18.1471, 15.4337
YIQ	117.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

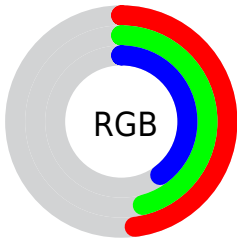
Format	Color
R_{YB}	110, 123, 103
Decimal	8091239
CIE Lab	49.67, -0.84, 8.95
CIE LCh	50, 8.991, 95.367
Yxy	18.1471, 0.3373, 0.3581
Android (android.graphics.Color)	4286281319 (0xFF7B7667)
YUV	117.7850, -7.2890, 8.5736
Hunter-Lab	42.5994, -2.9175, 8.3389

Details

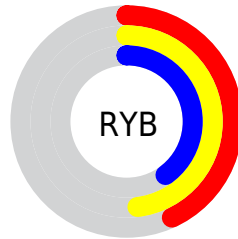
The XYZ color **17.0950, 18.1471, 15.4337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5312, 15.0384, 20.8759**, and the grayscale version is **17.1734, 18.0678, 19.6758**.

A 20% lighter version of the original color is **38.1120, 40.3127, 36.3443**, and **5.7280, 6.1217, 4.6211** is the 20% darker color. If you saturate the color by 10%, you get **16.1666, 17.2066, 12.2992**, and if you desaturate by 10%, it is **18.1270, 19.1491, 19.0514**.

Distribution



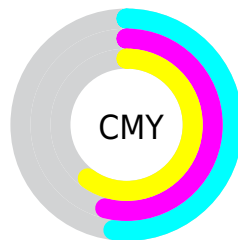
- Red (48%)
- Green (46%)
- Blue (40%)



- Red (43%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0950, 18.1471, 15.4337 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 17.0950, 18.1471, 15.4337 by changing the saturation by 10% instead.

■ 17.0950, 18.1471,
15.4337

■ 17.0950, 18.1471,
15.4337

228.8648,
241.6989, 237.7070

■ 10.3980, 11.0556,
8.9743

■ 38.0313, 40.2878,
36.3652

■ 5.7279, 6.1043,
4.6279

■ 53.0014, 56.1059,
51.6745

■ 2.7194, 2.9086,
1.9757

■ 71.4598, 75.6016,
70.7708

■ 1.0072, 1.0842,
0.5403

■ 93.7719, 99.1594,
94.0727

■ 0.0000, 0.0000,
0.0000

120.3031,
127.1636, 121.9988

151.4188,

159.9986, 154.9674

187.4842,
198.0489, 193.3974

■ 17.0950, 18.1471,
15.4337

■ 17.0950, 18.1471,
15.4337

■ 16.1666, 17.2066,
12.2992

■ 18.1270, 19.1491,
19.0514

■ 15.3364, 16.3235,
9.6258

■ 19.2650, 20.2119,
23.1706

■ 14.6003, 15.4966,
7.3915

■ 20.5130, 21.3380,
27.8102

■ 13.9538, 14.7238,
5.5721

■ 21.8746, 22.5289,
32.9878

■ 13.3916, 14.0029,
4.1409

■ 23.3530, 23.7861,
38.7201

■ 12.9081, 13.3314,
3.0683

■ 24.9512, 25.1109,
45.0230

■ 12.4965, 12.7065,
2.3202

■ 26.6724, 26.5048,
51.9119

■ 12.1446, 12.1230,
1.8320

■ 28.5194, 27.9691,
59.4016

■ 12.0187, 11.9115,
1.6657

■ 30.4951, 29.5050,
67.5063

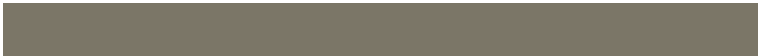
Harmonies

Analogous

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



17.9424, 18.1471, 15.7821



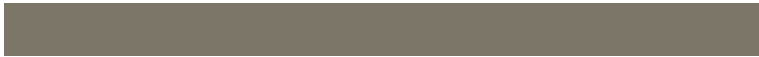
17.0950, 18.1471, 15.4337



16.3144, 18.1471, 16.1641

Triad

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



17.0950, 18.1471, 15.4337



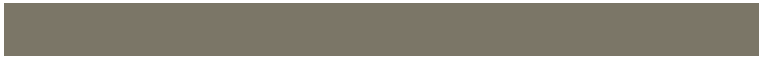
15.9425, 18.1471, 22.6106



18.7857, 18.1471, 21.7865

Complementary

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



17.0950, 18.1471, 15.4337



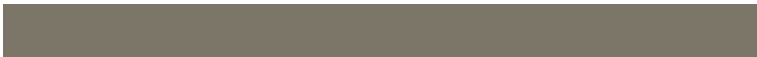
14.5312, 15.0384, 20.8759

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.



18.2171, 18.1471, 23.8511



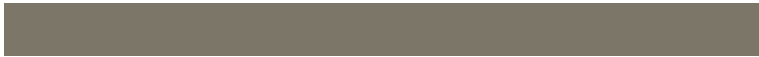
17.0950, 18.1471, 15.4337



16.5723, 18.1471, 24.3538

Square

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



17.0950, 18.1471, 15.4337



15.6632, 18.1471, 20.2027



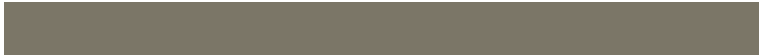
17.4025, 18.1471, 24.8254



18.9368, 18.1471, 19.3221

Rectangle

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



17.0950, 18.1471, 15.4337



15.9310, 18.1471, 17.2031



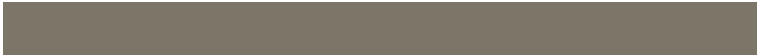
17.4025, 18.1471, 24.8254



18.6362, 18.1471, 22.5565

Sweetspot

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



17.0955, 18.1479, 15.4341



32.6825, 34.5017, 34.9086



15.7256, 14.9944, 16.2530



7.6704, 8.1002, 8.1257



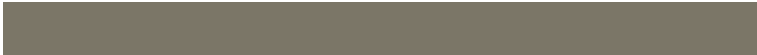
60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.0955, 18.1479, 15.4341



29.8875, 31.7718, 25.1593



17.0025, 18.9969, 15.6029



4.2270, 4.4724, 4.2650



12.4288, 12.3135, 1.7217



58.5855, 57.3344, 7.9789

Inverse Universe

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



14.5312, 15.0384, 20.8759



24.2643, 24.9537, 37.0943



14.6100, 14.3190, 20.7328



3.8715, 4.0413, 5.0192



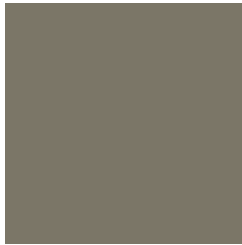
4.1943, 2.4710, 19.6412



19.4240, 10.6207, 93.4960

Previews

White Background



This preview shows how the XYZ color 17.0950, 18.1471, 15.4337 looks on a white background.

Color Contrast Check

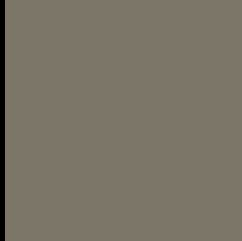
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0950, 18.1471, 15.4337 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

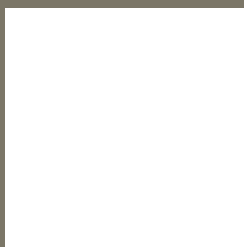
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0950, 18.1471, 15.4337

Background



This preview shows how black text looks on a background with the XYZ color 17.0950, 18.1471, 15.4337.



This preview shows how white text looks on a background with the XYZ color 17.0950, 18.1471,

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

17.0950, 18.1471, 15.4337

Protanopia

17.2388, 18.2212, 15.4404

Deuteranopia

18.5077, 18.1850, 15.6313



Tritanopia

18.3730, 18.1523, 21.6042

Trichromacy



Original Color

17.0950, 18.1471, 15.4337

Protanomaly

17.2388, 18.2212, 15.4404

Deuteranomaly

17.9895, 18.0862, 15.6395

Tritanomaly

17.8552, 18.1117, 19.0778

Monochromacy



Original Color

17.0950, 18.1471, 15.4337

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2048, 18.1422, 18.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0950, 18.1471, 15.4337 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(123, 118, 103)` looks like.

```
.text, #text, p{  
    color:rgb(123, 118, 103)  
}
```

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(123, 118, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 118, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.0950, 18.1471, 15.4337 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(123, 118, 103) }
```


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

```
.border{ border-color:rgb(123, 118, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 118, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 118, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 118, 103);  
box-shadow:4px 4px 4px 4px rgb(123, 118,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0950, 18.1471, 15.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 118, 103) }
```

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

```
.background{ background-color: rgb(123,  
118, 103) }
```

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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