

Converting Colors

XYZ(16.7454, 17.2160, 15.1731)

Have a look what the booklet for
XYZ(16.7454, 17.2160, 15.1731)
contains.

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Color

**XYZ(16.7777, 17.2990,
15.2867)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7267
RGB	124, 114, 103
RGB Percent	49%, 45%, 40%
CMY	0.5137, 0.5529, 0.5961
CMYK	0.00, 0.08, 0.17, 0.51
HSL	31°, 9%, 45%
HSV	31°, 17%, 49%
XYZ	16.7777, 17.2990, 15.2867
YIQ	115.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

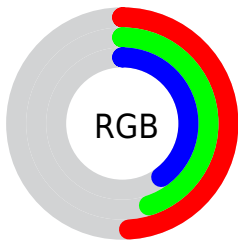
Format	Color
R_{YB}	122, 124, 103
Decimal	8155751
CIE Lab	48.63, 1.88, 7.49
CIE LCh	49, 7.724, 75.896
Yxy	17.2990, 0.3399, 0.3504
Android (android.graphics.Color)	4286345831 (0xFF7C7267)
YUV	115.7360, -6.2788, 7.2475
Hunter-Lab	41.5921, -0.7815, 7.3231

Details

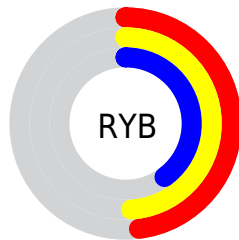
The XYZ color **16.7777, 17.2990, 15.2867** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1367, 16.1487, 21.3882**, and the grayscale version is **16.5366, 17.3978, 18.9462**.

A 20% lighter version of the original color is **37.6004, 38.9526, 36.1087**, and **5.5637, 5.6778, 4.5441** is the 20% darker color. If you saturate the color by 10%, you get **15.5565, 15.7798, 12.0334**, and if you desaturate by 10%, it is **18.1351, 18.9427, 19.0413**.

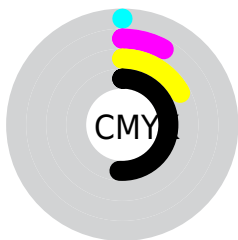
Distribution



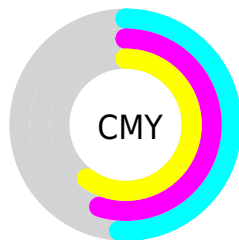
- Red (49%)
- Green (45%)
- Blue (40%)



- Red (48%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7777, 17.2990, 15.2867 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 16.7777, 17.2990, 15.2867 by changing the saturation by 10% instead.

■ 16.7777, 17.2990,
15.2867

■ 16.7777, 17.2990,
15.2867

227.0694,
236.8896, 236.7953

■ 10.1704, 10.4479,
8.8720

■ 37.4898, 38.8391,
36.1047

■ 5.5752, 5.6969,
4.5621

■ 52.3254, 54.2970,
51.3452

■ 2.6268, 2.6617,
1.9385

■ 70.6344, 73.3925,
70.3646

■ 0.9596, 0.9578,
0.5171

■ 92.7823, 96.5102,
93.5815

■ 0.0000, 0.0000,
0.0000

119.1344,
124.0343, 121.4145

150.0560,

156.3493, 154.2821

185.9126,
193.8396, 192.6029

■ 16.7777, 17.2990,
15.2867

■ 16.7777, 17.2990,
15.2867

■ 15.5565, 15.7798,
12.0334

■ 18.1351, 18.9427,
19.0413

■ 14.4653, 14.3795,
9.2586

■ 19.6320, 20.7115,
23.3165

■ 13.4994, 13.0955,
6.9397

■ 21.2732, 22.6094,
28.1316

■ 12.6533, 11.9242,
5.0514

■ 23.0627, 24.6390,
33.5048

■ 11.9207, 10.8617,
3.5661

■ 25.0046, 26.8032,
39.4535

■ 11.2951, 9.9039,
2.4530

■ 27.1027, 29.1045,
45.9942

■ 10.7689, 9.0463,
1.6766

■ 29.3606, 31.5457,
53.1428

■ 10.3270, 8.2813,
1.1633

■ 31.7819, 34.1291,
60.9147

■ 10.2007, 8.0620,
1.0185

■ 34.3700, 36.8572,
69.3244

Harmonies

Analogous

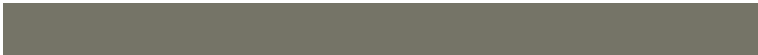
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4125, 17.2990, 16.1609



16.7777, 17.2990, 15.2867



16.0705, 17.2990, 15.3143

Triad

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



16.7777, 17.2990, 15.2867



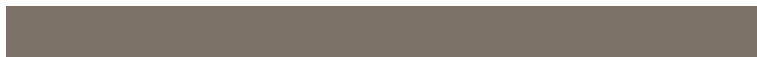
15.1616, 17.2990, 19.9289



17.4439, 17.2990, 21.6952

Complementary

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



16.7777, 17.2990, 15.2867



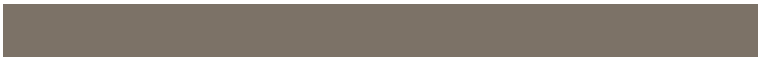
15.1367, 16.1487, 21.3882

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.



16.8196, 17.2990, 22.8593



16.7777, 17.2990, 15.2867



15.5086, 17.2990, 21.7904

Square

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



16.7777, 17.2990, 15.2867



15.1512, 17.2990, 17.8973



16.1112, 17.2990, 22.8954



17.8045, 17.2990, 19.8063

Rectangle

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



16.7777, 17.2990, 15.2867



15.6533, 17.2990, 15.8377



16.1112, 17.2990, 22.8954



17.2571, 17.2990, 22.1900

Sweetspot

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



16.7782, 17.2998, 15.2871



32.3733, 33.8831, 34.8055



16.1517, 15.1814, 17.7463



7.5895, 7.9385, 8.0988



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.



16.7782, 17.2998, 15.2871



28.7377, 29.4721, 24.7760



17.9177, 19.6538, 15.6814



4.1558, 4.3301, 4.2413



10.3672, 8.1904, 1.0345



48.5954, 37.3542, 4.6488

Inverse Universe

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



15.1367, 16.1487, 21.3882



25.3281, 27.0814, 37.4489



14.1223, 14.0603, 21.0386



3.9404, 4.1790, 5.0421



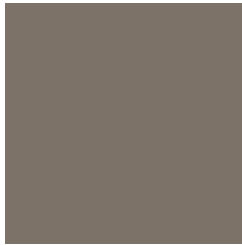
5.2875, 4.6574, 20.0056



24.3808, 20.5342, 95.1483

Previews

White Background



This preview shows how the XYZ color 16.7777, 17.2990, 15.2867 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 16.7777, 17.2990, 15.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

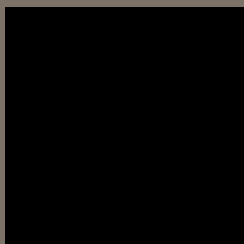
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.7777, 17.2990, 15.2867

Background



This preview shows how black text looks on a background with the XYZ color 16.7777, 17.2990, 15.2867.



This preview shows how white text looks on a background with the XYZ color 16.7777, 17.2990,

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

16.7777, 17.2990, 15.2867

Protanopia

16.3752, 17.2540, 15.5640

Deuteranopia

17.5432, 17.1936, 15.4908



Tritanopia

17.6788, 17.1606, 20.1498

Trichromacy



Original Color

16.7777, 17.2990, 15.2867

Protanomaly

16.5146, 17.3259, 15.5705

Deuteranomaly

17.1949, 17.1770, 15.5059

Tritanomaly

17.2889, 17.1632, 18.3212

Monochromacy



Original Color

16.7777, 17.2990, 15.2867

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6077, 17.3311, 17.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7777, 17.2990, 15.2867 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, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 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(124, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.7777, 17.2990, 15.2867 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, 114, 103) }
```


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

```
.border{ border-color:rgb(124, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7777, 17.2990, 15.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 103) }
```

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

```
.background{ background-color: rgb(124,  
114, 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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