

Converting Colors

XYZ(15.7200, 17.9231, 17.6189)

Have a look what the booklet for
XYZ(15.7200, 17.9231, 17.6189)
contains.

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Color

**XYZ(15.7700, 17.9482,
17.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	6B796F
RGB	107, 121, 111
RGB Percent	42%, 47%, 44%
CMY	0.5804, 0.5255, 0.5647
CMYK	0.12, 0.00, 0.08, 0.53
HSL	137°, 6%, 45%
HSV	137°, 12%, 47%
XYZ	15.7700, 17.9482, 17.6721
YIQ	115.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

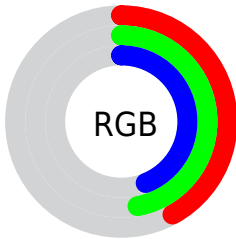
Format	Color
R_{YB}	107, 118, 121
Decimal	7043439
CIE Lab	49.43, -7.29, 3.72
CIE LCh	49, 8.186, 152.967
Yxy	17.9482, 0.3069, 0.3493
Android (android.graphics.Color)	4285233519 (0xFF6B796F)
YUV	115.6740, -2.3043, -7.6071
Hunter-Lab	42.3653, -7.6947, 4.9237

Details

The XYZ color **15.7700, 17.9482, 17.6721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3544, 15.8651, 19.0307**, and the grayscale version is **16.5091, 17.3688, 18.9146**.

A 20% lighter version of the original color is **35.6550, 39.8006, 40.4534**, and **5.0780, 5.9543, 5.5843** is the 20% darker color. If you saturate the color by 10%, you get **13.9627, 17.0694, 15.2223**, and if you desaturate by 10%, it is **17.8279, 18.9519, 20.3748**.

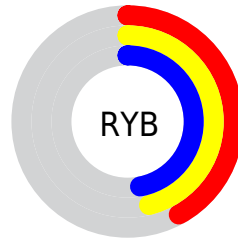
Distribution



Red (42%)

Green (47%)

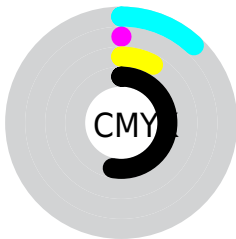
Blue (44%)



Red (42%)

Yellow (46%)

Blue (47%)

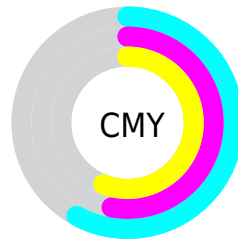


Cyan (12%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7700, 17.9482, 17.6721 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 15.7700, 17.9482, 17.6721 by changing the saturation by 10% instead.

■ 15.7700, 17.9482,
17.6721

■ 15.7700, 17.9482,
17.6721

221.2779,
240.5789, 251.1900

■ 9.4514, 10.9128,
10.5478

■ 35.7591, 39.9490,
40.2842

■ 5.0962, 6.0082,
5.6533

■ 50.1603, 55.6833,
56.6090

■ 2.3392, 2.8501,
2.5701

■ 67.9864, 75.0859,
76.8378

■ 0.8146, 1.0540,
0.8770

■ 89.6028, 98.5413,
101.3891

■ 0.0000, 0.0000,
0.0000

115.3748,
126.4340, 130.6815

145.6677,

159.1482, 165.1334

180.8469,
197.0684, 205.1634

■ 15.7700, 17.9482,
17.6721

■ 15.7700, 17.9482,
17.6721

■ 13.9627, 17.0694,
15.2223

■ 17.8279, 18.9519,
20.3748

■ 12.3950, 16.3083,
13.0171

■ 20.1443, 20.0829,
23.3362

■ 11.0568, 15.6607,
11.0491

■ 22.7281, 21.3462,
26.5634

■ 9.9371, 15.1208,
9.3105

■ 25.5878, 22.7459,
30.0628

■ 9.0238, 14.6826,
7.7927

■ 28.7313, 24.2861,
33.8406

■ 8.3037, 14.3395,
6.4869

■ 32.1661, 25.9704,
37.9028

■ 7.7617, 14.0840,
5.3835

■ 35.8997, 27.8027,
42.2553

■ 7.3807, 13.9073,
4.4721

■ 39.9389, 29.7863,
46.9037

■ 7.1347, 13.7942,
3.8432

■ 44.2908, 31.9247,
51.8535

Harmonies

Analogous

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



16.2636, 17.9482, 16.1863



15.7700, 17.9482, 17.6721



15.6184, 17.9482, 19.7636

Triad

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



15.7700, 17.9482, 17.6721



17.1362, 17.9482, 24.1063



18.3361, 17.9482, 17.3178

Complementary

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



15.7700, 17.9482, 17.6721



16.3544, 15.8651, 19.0307

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.



18.5861, 17.9482, 19.3231



15.7700, 17.9482, 17.6721



17.8804, 17.9482, 23.3334

Square

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



15.7700, 17.9482, 17.6721



16.3930, 17.9482, 23.5821



18.4169, 17.9482, 21.5405



17.7433, 17.9482, 15.9928

Rectangle

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



15.7700, 17.9482, 17.6721



15.7278, 17.9482, 21.2500



18.4169, 17.9482, 21.5405



18.4638, 17.9482, 17.9291

Sweetspot

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



15.7705, 17.9490, 17.6725



31.3405, 33.6518, 35.7273



16.8325, 18.5213, 16.5980



7.1034, 7.6640, 8.0875



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.



15.7705, 17.9490, 17.6725



27.2960, 31.6809, 30.3816



16.1694, 18.1085, 19.7729



3.9936, 4.4671, 4.5002



7.6411, 14.7801, 4.0949



36.1255, 70.3732, 17.8309

Inverse Universe

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



16.3544, 15.8651, 19.0307



28.5688, 27.1377, 33.3423



15.9597, 15.7073, 16.9524



4.1080, 4.0589, 4.7663



10.2640, 5.0818, 9.9471



48.5799, 24.0883, 45.4454

Previews

White Background



This preview shows how the XYZ color 15.7700, 17.9482, 17.6721 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 15.7700, 17.9482, 17.6721 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

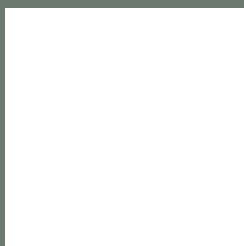
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7700, 17.9482, 17.6721

Background



This preview shows how black text looks on a background with the XYZ color 15.7700, 17.9482, 17.6721.



This preview shows how white text looks on a background with the XYZ color 15.7700, 17.9482,

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

15.7700, 17.9482, 17.6721

Protanopia

17.0068, 17.8917, 17.0251

Deuteranopia

18.0917, 17.7483, 18.0950



Tritanopia

16.9235, 18.0672, 23.0174

Trichromacy



Original Color

15.7700, 17.9482, 17.6721

Protanomaly

16.4954, 17.7957, 17.3174

Deuteranomaly

17.1961, 17.7982, 17.8583

Tritanomaly

16.5360, 18.0893, 21.0324

Monochromacy



Original Color

15.7700, 17.9482, 17.6721

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3257, 17.6825, 18.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7700, 17.9482, 17.6721 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(107, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 111)  
}
```

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(107, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.7700, 17.9482, 17.6721 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(107, 121, 111) }
```


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

```
.border{ border-color:rgb(107, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7700, 17.9482, 17.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 111) }
```

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

```
.background{ background-color: rgb(107,  
121, 111) }
```

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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