

Converting Colors

XYZ(15.7660, 17.8060, 17.3973)

Have a look what the booklet for
XYZ(15.7660, 17.8060, 17.3973)
contains.

XYZ(15.7153, 17.7469, 17.3491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.7153, 17.7469,
17.3491)**

Conversions

Conversions Part 1

Format	Color
Hex	6C786E
RGB	108, 120, 110
RGB Percent	42%, 47%, 43%
CMY	0.5765, 0.5294, 0.5686
CMYK	0.10, 0.00, 0.08, 0.53
HSL	130°, 5%, 45%
HSV	130°, 10%, 47%
XYZ	15.7153, 17.7469, 17.3491
YIQ	115.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

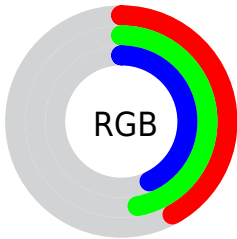
Format	Color
R_{YB}	108, 118, 120
Decimal	7108718
CIE Lab	49.19, -6.55, 3.97
CIE LCh	49, 7.658, 148.811
Yxy	17.7469, 0.3093, 0.3493
Android (android.graphics.Color)	4285298798 (0xFF6C786E)
YUV	115.2720, -2.5991, -6.3775
Hunter-Lab	42.1271, -7.1338, 5.0717

Details

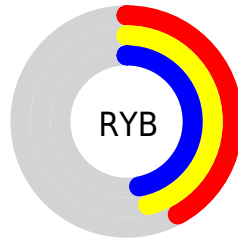
The XYZ color **15.7153, 17.7469, 17.3491** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3790, 16.0266, 19.3705**, and the grayscale version is **16.3872, 17.2406, 18.7750**.

A 20% lighter version of the original color is **35.5722, 39.4846, 39.9289**, and **5.1113, 5.9746, 5.4413** is the 20% darker color. If you saturate the color by 10%, you get **13.8410, 16.8406, 14.5779**, and if you desaturate by 10%, it is **17.8529, 18.7829, 20.4542**.

Distribution



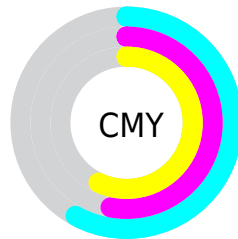
- Red (42%)
- Green (47%)
- Blue (43%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7153, 17.7469, 17.3491 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 15.7153, 17.7469, 17.3491 by changing the saturation by 10% instead.

■ 15.7153, 17.7469,
17.3491

■ 15.7153, 17.7469,
17.3491

220.9594,
239.4406, 249.2879

■ 9.4125, 10.7684,
10.3191

■ 35.6647, 39.6056,
39.7239

■ 5.0704, 5.9113,
5.5027

■ 50.0420, 55.2546,
55.9057

■ 2.3238, 2.7912,
2.4813

■ 67.8415, 74.5625,
75.9753

■ 0.8068, 1.0237,
0.8302

■ 89.4285, 97.9138,
100.3512

■ 0.0000, 0.0000,
0.0000

115.1685,
125.6929, 129.4518

145.4267,

158.2841, 163.6958

180.5686,
196.0719, 203.5016

■ 15.7153, 17.7469,
17.3491

■ 15.7153, 17.7469,
17.3491

■ 13.8410, 16.8406,
14.5779

■ 17.8529, 18.7829,
20.4542

■ 12.2185, 16.0567,
12.1282

■ 20.2621, 19.9510,
23.9027

■ 10.8373, 15.3906,
9.9889

■ 22.9525, 21.2566,
27.7049

■ 9.6858, 14.8365,
8.1476

■ 25.9327, 22.7038,
31.8706

■ 8.7513, 14.3883,
6.5909

■ 29.2111, 24.2969,
36.4090

■ 8.0201, 14.0390,
5.3046

■ 32.7958, 26.0396,
41.3292

■ 7.4765, 13.7810,
4.2733

■ 36.6943, 27.9359,
46.6399

■ 7.1027, 13.6055,
3.4800

■ 40.9142, 29.9893,
52.3493

■ 6.8431, 13.4842,
2.9039

■ 45.4625, 32.2034,
58.4656

Harmonies

Analogous

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



16.2119, 17.7469, 16.0648



15.7153, 17.7469, 17.3491



15.5262, 17.7469, 19.2415

Triad

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



15.7153, 17.7469, 17.3491



16.8393, 17.7469, 23.5477



18.1055, 17.7469, 17.4816

Complementary

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



15.7153, 17.7469, 17.3491



16.3790, 16.0266, 19.3705

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.



18.2848, 17.7469, 19.4054



15.7153, 17.7469, 17.3491



17.5414, 17.7469, 22.9952

Square

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



15.7153, 17.7469, 17.3491



16.1637, 17.7469, 22.9033



18.0755, 17.7469, 21.4420



17.5923, 17.7469, 16.1374

Rectangle

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



15.7153, 17.7469, 17.3491



15.5957, 17.7469, 20.6252



18.0755, 17.7469, 21.4420



18.2074, 17.7469, 18.0775

Sweetspot

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



15.7158, 17.7477, 17.3495



30.1938, 32.4503, 34.2326



16.9224, 18.3821, 16.8438



7.0902, 7.6587, 8.0179



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.



15.7158, 17.7477, 17.3495



26.8439, 30.8280, 29.3446



16.0421, 17.8782, 19.0681



3.9756, 4.4599, 4.4055



7.4610, 14.7081, 3.1467



35.3711, 70.0715, 13.8583

Inverse Universe

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



16.3790, 16.0266, 19.3705



28.2561, 27.1629, 33.6484



16.0446, 15.8929, 17.6101



4.1272, 4.0666, 4.8674



10.9552, 5.3582, 13.5870



51.9878, 25.4515, 63.3912

Previews

White Background



This preview shows how the XYZ color 15.7153, 17.7469, 17.3491 looks on a white background.

Color Contrast Check

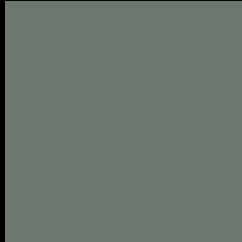
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7153, 17.7469, 17.3491 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

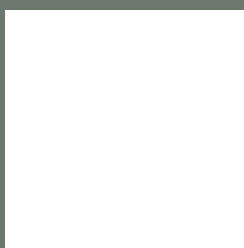
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7153, 17.7469, 17.3491

Background



This preview shows how black text looks on a background with the XYZ color 15.7153, 17.7469, 17.3491.



This preview shows how white text looks on a background with the XYZ color 15.7153, 17.7469,

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

15.7153, 17.7469, 17.3491

Protanopia

16.8373, 17.6384, 16.7045

Deuteranopia

17.9803, 17.7038, 17.5084



Tritanopia

16.8647, 17.8687, 22.6388

Trichromacy



Original Color

15.7153, 17.7469, 17.3491

Protanomaly

16.3241, 17.5397, 16.9931

Deuteranomaly

17.1407, 17.7761, 17.5666

Tritanomaly

16.4784, 17.8891, 20.6736

Monochromacy



Original Color

15.7153, 17.7469, 17.3491

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0240, 17.3596, 18.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7153, 17.7469, 17.3491 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(108, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 110)  
}
```

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(108, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.7153, 17.7469, 17.3491 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(108, 120, 110) }
```


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

```
.border{ border-color:rgb(108, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7153, 17.7469, 17.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 110) }
```

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

```
.background{ background-color: rgb(108,  
120, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor