

Converting Colors

XYZ(15.5755, 13.4971, 17.4515)

Have a look what the booklet for
XYZ(15.5755, 13.4971, 17.4515)
contains.

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Color

**XYZ(15.4992, 13.4566,
17.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5D71
RGB	126, 93, 113
RGB Percent	49%, 36%, 44%
CMY	0.5059, 0.6353, 0.5569
CMYK	0.00, 0.26, 0.10, 0.51
HSL	324°, 15%, 43%
HSV	324°, 26%, 49%
XYZ	15.4992, 13.4566, 17.4033
YIQ	105.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

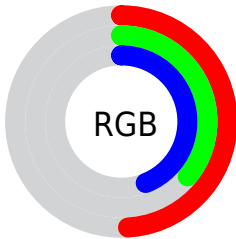
Format	Color
R _Y B	126, 93, 113
Decimal	8281457
CIE Lab	43.44, 16.94, -6.05
CIE LCh	43, 17.993, 340.349
Yxy	13.4566, 0.3343, 0.2903
Android (android.graphics.Color)	4286471537 (0xFF7E5D71)
YUV	105.1470, 3.8715, 18.2881
Hunter-Lab	36.6832, 11.2232, -2.4502

Details

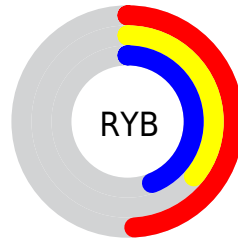
The XYZ color **15.4992, 13.4566, 17.4033** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.5771, 18.2899, 16.3985**, and the grayscale version is **13.4548, 14.1554, 15.4153**.

A 20% lighter version of the original color is **35.3552, 32.2468, 39.9582**, and **4.9511, 3.9512, 5.5027** is the 20% darker color. If you saturate the color by 10%, you get **14.2113, 11.3157, 15.6327**, and if you desaturate by 10%, it is **16.9854, 15.9693, 19.3157**.

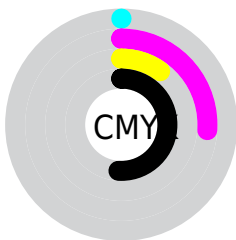
Distribution



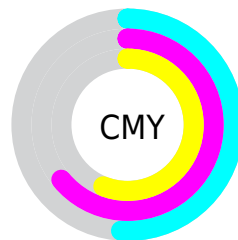
- Red (49%)
- Green (36%)
- Blue (44%)



- Red (49%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4992, 13.4566, 17.4033 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 15.4992, 13.4566, 17.4033 by changing the saturation by 10% instead.

■ 15.4992, 13.4566,
17.4033

■ 15.4992, 13.4566,
17.4033

219.6971,
213.8236, 249.6080

■ 9.2591, 7.7437,
10.3575

■ 35.2911, 32.1217,
39.8180

■ 4.9690, 3.9314,
5.5279

■ 49.5736, 45.8427,
56.0240

■ 2.2637, 1.6353,
2.4961

■ 67.2675, 63.0018,
76.1204

■ 0.7760, 0.3812,
0.8381

■ 88.7383, 83.9835,
100.5257

■ 0.0000, 0.0000,
0.0000

114.3513,
109.1721, 129.6587

144.4719,

138.9521, 163.9377

179.4654,
173.7078, 203.7813

■ 15.4992, 13.4566,
17.4033

■ 15.4992, 13.4566,
17.4033

■ 14.2113, 11.3157,
15.6327

■ 16.9854, 15.9693,
19.3157

■ 13.1113, 9.5269,
13.9989

■ 18.6774, 18.8688,
21.3732

■ 12.1899, 8.0713,
12.4976

■ 20.5834, 22.1712,
23.5797


■ 11.4360, 6.9276,
11.1240


■ 22.7112, 25.8915,
25.9390


■ 10.8376, 6.0719,
9.8726

■ 25.0678, 30.0436,
28.4546

 10.3807, 5.4771,
8.7376


 27.6603, 34.6410,
31.1298

 10.0406, 5.0936,
7.7093

 30.4950, 39.6965,
33.9678

 9.9214, 4.9625,
7.3383

 33.5785, 45.2224,
36.9718

 36.9167, 51.2305,
40.1449

Harmonies

Analogous

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



14.6152, 13.4566, 21.3551



15.4992, 13.4566, 17.4033



15.6281, 13.4566, 13.3089

Triad

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



15.4992, 13.4566, 17.4033



12.3121, 13.4566, 8.2962



10.8445, 13.4566, 20.2376

Complementary

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



15.4992, 13.4566, 17.4033



14.5771, 18.2899, 16.3985

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.



10.3183, 13.4566, 16.0824



15.4992, 13.4566, 17.4033



11.1237, 13.4566, 9.5226

Square

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



15.4992, 13.4566, 17.4033



13.7178, 13.4566, 8.5198



10.4166, 13.4566, 12.2070



11.9052, 13.4566, 23.1872

Rectangle

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



15.4992, 13.4566, 17.4033



15.2591, 13.4566, 11.0885



10.4166, 13.4566, 12.2070



10.6029, 13.4566, 18.9071

Sweetspot

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



15.4996, 13.4572, 17.4036



32.2510, 32.1369, 36.8764



13.5832, 12.3785, 21.4123



7.2455, 7.1547, 8.2795



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.



15.4996, 13.4572, 17.4036



25.9850, 21.5219, 28.8779



14.6697, 13.1253, 13.0336



4.4286, 4.3846, 5.0615



10.1761, 5.0901, 7.5172



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4996, 13.4572, 17.4036



25.9850, 21.5219, 28.8779



15.4977, 18.6581, 21.2460



4.4286, 4.3846, 5.0615



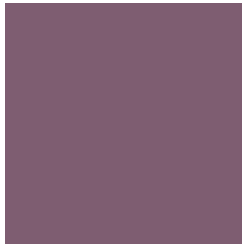
10.1761, 5.0901, 7.5172



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4992, 13.4566, 17.4033 looks on a white background.

Color Contrast Check

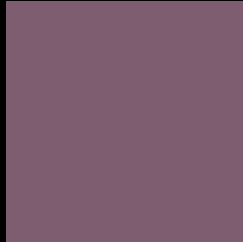
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4992, 13.4566, 17.4033 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 15.4992, 13.4566, 17.4033

Background



This preview shows how black text looks on a background with the XYZ color 15.4992, 13.4566, 17.4033.



This preview shows how white text looks on a background with the XYZ color 15.4992, 13.4566,

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

15.4992, 13.4566, 17.4033

Protanopia

13.3367, 13.5440, 19.3641

Deuteranopia

13.7885, 13.5354, 17.2151



Tritanopia

14.9479, 13.5037, 14.3890

Trichromacy



Original Color

15.4992, 13.4566, 17.4033

Protanomaly

13.9794, 13.4592, 18.6907

Deuteranomaly

14.2696, 13.3641, 17.1567

Tritanomaly

15.0617, 13.4060, 15.4294

Monochromacy



Original Color

15.4992, 13.4566, 17.4033

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1705, 13.9008, 16.1236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4992, 13.4566, 17.4033 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(126, 93, 113)` looks like.

```
.text, #text, p{  
    color:rgb(126, 93, 113)  
}
```

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(126, 93, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 93, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.4992, 13.4566, 17.4033 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(126, 93, 113) }
```


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

```
.border{ border-color:rgb(126, 93, 113) }
```

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

Here you see how a box with a 4 pixel rgb(126, 93, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 93, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 93, 113);  
box-shadow:4px 4px 4px 4px rgb(126, 93,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4992, 13.4566, 17.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 93, 113) }
```

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

```
.background{ background-color: rgb(126, 93,  
113) }
```

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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