

Converting Colors

XYZ(15.4499, 11.7713, 17.0807)

Have a look what the booklet for
XYZ(15.4499, 11.7713, 17.0807)
contains.

XYZ(15.4495, 11.7708, 17.0805)	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(15.4495, 11.7708,
17.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	854F71
RGB	133, 79, 113
RGB Percent	52%, 31%, 44%
CMY	0.4784, 0.6902, 0.5569
CMYK	0.00, 0.41, 0.15, 0.48
HSL	322°, 25%, 42%
HSV	322°, 41%, 52%
XYZ	15.4495, 11.7708, 17.0805
YIQ	99.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

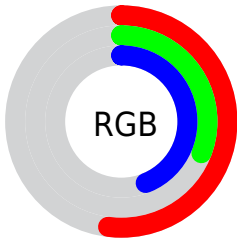
Format	Color
R_{YB}	133, 79, 113
Decimal	8736625
CIE Lab	40.85, 27.83, -9.85
CIE LCh	41, 29.524, 340.515
Yxy	11.7708, 0.3487, 0.2657
Android (android.graphics.Color)	4286926705 (0xFF854F71)
YUV	99.0220, 6.8912, 29.7987
Hunter-Lab	34.3086, 20.3403, -5.5014

Details

The XYZ color **15.4495, 11.7708, 17.0805** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.8647, 19.3385, 14.8073**, and the grayscale version is **11.8451, 12.4619, 13.5710**.

A 20% lighter version of the original color is **35.1353, 28.9819, 39.3395**, and **4.9503, 3.2085, 5.3594** is the 20% darker color. If you saturate the color by 10%, you get **14.3146, 9.9328, 15.3708**, and if you desaturate by 10%, it is **16.7921, 13.9999, 18.9339**.

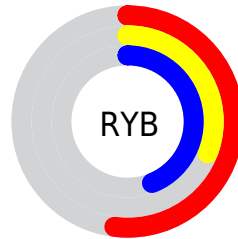
Distribution



Red (52%)

Green (31%)

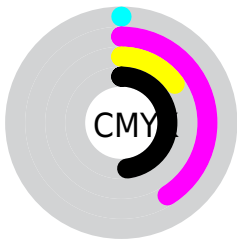
Blue (44%)



Red (52%)

Yellow (31%)

Blue (44%)

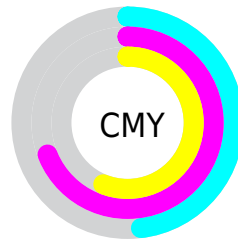


Cyan (0%)

Magenta (41%)

Yellow (15%)

Black (48%)



Cyan (48%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4495, 11.7708, 17.0805 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 15.4495, 11.7708, 17.0805 by changing the saturation by 10% instead.

■ 15.4495, 11.7708,
17.0805

■ 15.4495, 11.7708,
17.0805

219.4059,
202.8820, 247.6955

■ 9.2238, 6.5878,
10.1293

■ 35.2051, 29.0770,
39.2567

■ 4.9457, 3.2057,
5.3781

■ 49.4656, 41.9689,
55.3188

■ 2.2499, 1.2400,
2.4082

■ 67.1352, 58.1994,
75.2549

■ 0.7688, 0.0940,
0.7909

■ 88.5792, 78.1526,
99.4837

■ 0.0000, 0.0000,
0.0000

■ 114.1629,
102.2131, 128.4236

144.2517,

130.7652, 162.4931

179.2109,
164.1934, 202.1109

■ 15.4495, 11.7708,
17.0805

■ 15.4495, 11.7708,
17.0805

■ 14.3146, 9.9328,
15.3708

■ 16.7921, 13.9999,
18.9339

■ 13.3746, 8.4610,
13.7992

■ 18.3522, 16.6396,
20.9352

■ 12.6170, 7.3305,
12.3602

■ 20.1401, 19.7101,
23.0889

■ 12.0269, 6.5123,
11.0478

■ 22.1652, 23.2298,
25.3993

■ 11.5874, 5.9726,
9.8551

■ 24.4363, 27.2161,
27.8705

■ 11.2629, 5.6226,
8.8255

■ 26.9619, 31.6853,
30.5062

■ 29.7498, 36.6531,
33.3101

■ 32.8077, 42.1343,
36.2858

■ 36.1429, 48.1432,
39.4368

Harmonies

Analogous

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



14.0259, 11.7708, 23.7910



15.4495, 11.7708, 17.0805



15.6534, 11.7708, 10.8168

Triad

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



15.4495, 11.7708, 17.0805



10.4659, 11.7708, 4.4689



8.3865, 11.7708, 21.9086

Complementary

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



15.4495, 11.7708, 17.0805



13.8647, 19.3385, 14.8073

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.



7.6642, 11.7708, 15.0483



15.4495, 11.7708, 17.0805



8.7609, 11.7708, 5.8741

Square

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



15.4495, 11.7708, 17.0805



12.5916, 11.7708, 4.7052



7.7921, 11.7708, 9.3285



9.8924, 11.7708, 27.1283

Rectangle

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



15.4495, 11.7708, 17.0805



15.0457, 11.7708, 7.7893



7.7921, 11.7708, 9.3285



8.0531, 11.7708, 19.6424

Sweetspot

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



15.4499, 11.7713, 17.0807



35.5015, 34.3210, 40.6823



12.1540, 9.9275, 23.4661



7.9198, 7.5971, 9.0724



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.4499, 11.7713, 17.0807



25.7248, 17.9317, 27.6687



14.1571, 11.2542, 10.2732



4.7866, 4.7343, 5.4888



10.7320, 5.3572, 8.4272



0.0407, 0.0200, 0.0478

Inverse Universe

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



15.4499, 11.7713, 17.0807



25.7248, 17.9317, 27.6687



15.3654, 19.9388, 22.7101



4.7866, 4.7343, 5.4888



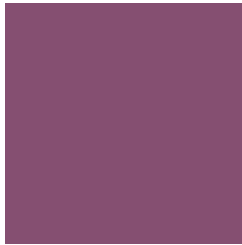
10.7320, 5.3572, 8.4272



0.0407, 0.0200, 0.0478

Previews

White Background



This preview shows how the XYZ color 15.4495, 11.7708, 17.0805 looks on a white background.

Color Contrast Check

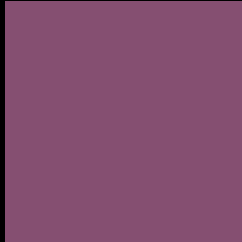
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4495, 11.7708, 17.0805 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 15.4495, 11.7708, 17.0805

Background



This preview shows how black text looks on a background with the XYZ color 15.4495, 11.7708, 17.0805.



This preview shows how white text looks on a background with the XYZ color 15.4495, 11.7708,

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

15.4495, 11.7708, 17.0805

Protanopia

12.0044, 11.9703, 21.0798

Deuteranopia

12.0727, 11.8405, 16.4010



Tritanopia

14.2217, 11.8247, 11.2057

Trichromacy



Original Color

15.4495, 11.7708, 17.0805

Protanomaly

12.9331, 11.6961, 19.6651

Deuteranomaly

13.1237, 11.7372, 16.6127

Tritanomaly

14.5820, 11.7417, 13.0531

Monochromacy



Original Color

15.4495, 11.7708, 17.0805

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8814, 12.0333, 14.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4495, 11.7708, 17.0805 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(133, 79, 113)` looks like.

```
.text, #text, p{  
    color:rgb(133, 79, 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(133, 79, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 79, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.4495, 11.7708, 17.0805 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(133, 79, 113) }
```


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

```
.border{ border-color:rgb(133, 79, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 79, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 79, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 79, 113);  
box-shadow:4px 4px 4px 4px rgb(133, 79,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4495, 11.7708, 17.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 79, 113) }
```

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

```
.background{ background-color: rgb(133, 79,  
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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