

Converting Colors

XYZ(16.8121, 13.4826, 15.0858)

Have a look what the booklet for
XYZ(16.8121, 13.4826, 15.0858)
contains.

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Color

**XYZ(16.7732, 13.4118,
15.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5769
RGB	140, 87, 105
RGB Percent	55%, 34%, 41%
CMY	0.4510, 0.6588, 0.5882
CMYK	0.00, 0.38, 0.25, 0.45
HSL	340°, 23%, 45%
HSV	340°, 38%, 55%
XYZ	16.7732, 13.4118, 15.0693
YIQ	104.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

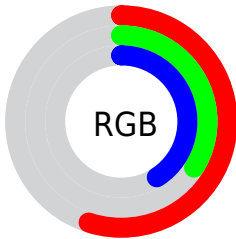
Format	Color
R_{YB}	140, 87, 105
Decimal	9197417
CIE _{Lab}	43.38, 24.52, -1.08
CIE _{LCh}	43, 24.542, 357.483
Yxy	13.4118, 0.3706, 0.2964
Android (android.graphics.Color)	4287387497 (0xFF8C5769)
YUV	104.8990, 0.0498, 30.7836
Hunter-Lab	36.6221, 17.6656, 1.2388

Details

The XYZ color **16.7732, 13.4118, 15.0693** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8220, 22.1878, 21.8095**, and the grayscale version is **13.3953, 14.0929, 15.3471**.

A 20% lighter version of the original color is **37.5949, 32.1794, 35.6823**, and **5.5470, 3.8978, 4.4630** is the 20% darker color. If you saturate the color by 10%, you get **15.2981, 11.1811, 12.3591**, and if you desaturate by 10%, it is **18.5206, 16.1041, 18.1255**.

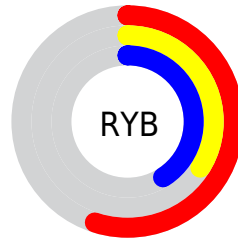
Distribution



Red (55%)

Green (34%)

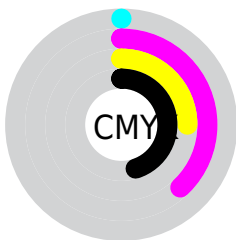
Blue (41%)



Red (55%)

Yellow (34%)

Blue (41%)

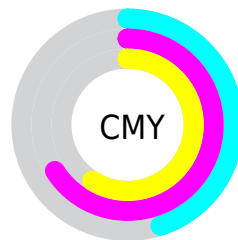


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (45%)



Cyan (45%)

Magenta (66%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7732, 13.4118, 15.0693 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 16.7732, 13.4118, 15.0693 by changing the saturation by 10% instead.

■ 16.7732, 13.4118,
15.0693

■ 16.7732, 13.4118,
15.0693

227.0438,
213.5402, 235.4405

■ 10.1672, 7.7127,
8.7209

■ 37.4821, 32.0416,
35.7187

■ 5.5731, 3.9117,
4.4653

■ 52.3158, 45.7412,
50.8568

■ 2.6254, 1.6243,
1.8839

■ 70.6227, 62.8764,
69.7619

■ 0.9589, 0.3739,
0.4825

■ 92.7682, 83.8315,
92.8524

■ 0.0000, 0.0000,
0.0000

■ 119.1178,
108.9911, 120.5470

150.0366,

138.7395, 153.2642

185.8902,
173.4611, 191.4225

■ 16.7732, 13.4118,
15.0693

■ 16.7732, 13.4118,
15.0693

■ 15.2981, 11.1811,
12.3591

■ 18.5206, 16.1041,
18.1255

■ 14.0797, 9.3839,
9.9812

■ 20.5525, 19.2803,
21.5391

■ 13.1026, 7.9921,
7.9220

■ 22.8816, 22.9633,
25.3219

■ 12.3492, 6.9732,
6.1667

■ 25.5196, 27.1741,
29.4850

■ 11.7992, 6.2899,
4.6988

■ 28.4775, 31.9326,
34.0388

■ 11.4134, 5.8669,
3.4951

■ 31.7658, 37.2576,
38.9935

■ 11.3393, 5.7851,
3.2660

■ 35.3944, 43.1668,
44.3587

■ 39.3730, 49.6775,
50.1440

■ 43.7106, 56.8060,
56.3584

Harmonies

Analogous

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



16.0965, 13.4118, 21.0074



16.7732, 13.4118, 15.0693



16.2853, 13.4118, 10.2730

Triad

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



16.7732, 13.4118, 15.0693



11.1290, 13.4118, 7.1271



10.8761, 13.4118, 25.3697

Complementary

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



16.7732, 13.4118, 15.0693



16.8220, 22.1878, 21.8095

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.



9.7632, 13.4118, 20.0057



16.7732, 13.4118, 15.0693



9.8986, 13.4118, 9.6539

Square

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



16.7732, 13.4118, 15.0693



12.9093, 13.4118, 6.4233



9.4237, 13.4118, 14.1468



12.5871, 13.4118, 27.8086

Rectangle

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



16.7732, 13.4118, 15.0693



15.3898, 13.4118, 8.1495



9.4237, 13.4118, 14.1468



10.4264, 13.4118, 23.7924

Sweetspot

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



16.7736, 13.4124, 15.0696



38.8945, 38.1899, 42.3172



16.0907, 12.8081, 26.4351



8.8496, 8.6216, 9.5685



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.7736, 13.4124, 15.0696



27.4312, 20.4020, 22.6544



16.6237, 14.4397, 10.9287



5.0984, 5.0748, 5.6066



10.0840, 5.1437, 2.9469



0.0733, 0.0367, 0.0530

Inverse Universe

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



16.7736, 13.4124, 15.0696



27.4312, 20.4020, 22.6544



16.9226, 20.4361, 27.8636



5.0984, 5.0748, 5.6066



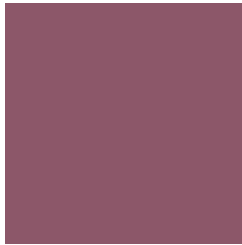
10.0840, 5.1437, 2.9469



0.0733, 0.0367, 0.0530

Previews

White Background



This preview shows how the XYZ color 16.7732, 13.4118, 15.0693 looks on a white background.

Color Contrast Check

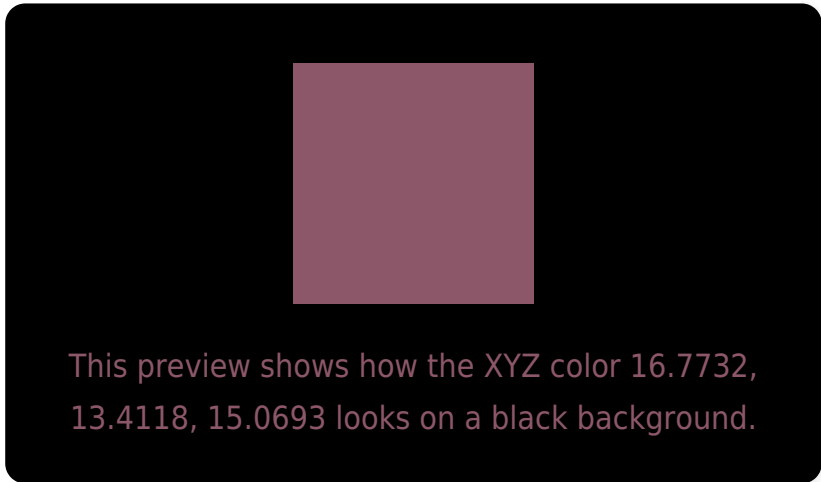
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.7732, 13.4118, 15.0693

Background



This preview shows how black text looks on a background with the XYZ color 16.7732, 13.4118, 15.0693.



This preview shows how white text looks on a background with the XYZ color 16.7732, 13.4118,

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

16.7732, 13.4118, 15.0693

Protanopia

13.1555, 13.4843, 17.8290

Deuteranopia

13.8154, 13.6043, 14.7297



Tritanopia

16.2854, 13.4599, 12.5662

Trichromacy



Original Color

16.7732, 13.4118, 15.0693

Protanomaly

14.2142, 13.3419, 16.8650

Deuteranomaly

14.7593, 13.3948, 14.9043

Tritanomaly

16.3893, 13.3693, 13.5211

Monochromacy



Original Color

16.7732, 13.4118, 15.0693

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.3887, 13.6068, 15.2326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7732, 13.4118, 15.0693 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(140, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(140, 87, 105)  
}
```

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(140, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 87, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.7732, 13.4118, 15.0693 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(140, 87, 105) }
```


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

```
.border{ border-color:rgb(140, 87, 105) }
```

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

Here you see how a box with a 4 pixel rgb(140, 87, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(140, 87,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7732, 13.4118, 15.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 87, 105) }
```

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

```
.background{ background-color: rgb(140, 87,  
105) }
```

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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