

Converting Colors

XYZ(17.7435, 14.4934, 12.2132)

Have a look what the booklet for
XYZ(17.7435, 14.4934, 12.2132)
contains.

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Color

**XYZ(17.7495, 14.4755,
12.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	935B5D
RGB	147, 91, 93
RGB Percent	58%, 36%, 36%
CMY	0.4235, 0.6431, 0.6353
CMYK	0.00, 0.38, 0.37, 0.42
HSL	358°, 24%, 47%
HSV	358°, 38%, 58%
XYZ	17.7495, 14.4755, 12.2145
YIQ	107.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

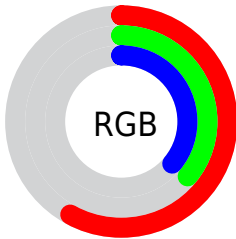
Format	Color
R_{YB}	147, 91, 93
Decimal	9657181
CIE _{Lab}	44.91, 23.26, 8.56
CIE _{LCh}	45, 24.786, 20.192
Yxy	14.4755, 0.3994, 0.3257
Android (android.graphics.Color)	4287847261 (0xFF935B5D)
YUV	107.9720, -7.3812, 34.2276
Hunter-Lab	38.0467, 16.6919, 7.5982

Details

The XYZ color **17.7495, 14.4755, 12.2145** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8596, 25.1363, 30.5944**, and the grayscale version is **14.2600, 15.0026, 16.3378**.

A 20% lighter version of the original color is **39.2595, 34.0257, 30.4850**, and **6.0299, 4.3863, 3.2182** is the 20% darker color. If you saturate the color by 10%, you get **16.0430, 11.9759, 8.8298**, and if you desaturate by 10%, it is **19.8194, 17.5154, 16.2949**.

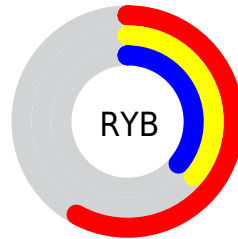
Distribution



Red (58%)

Green (36%)

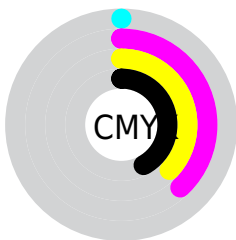
Blue (36%)



Red (58%)

Yellow (36%)

Blue (36%)

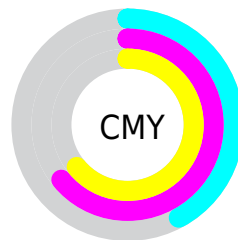


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (42%)



Cyan (42%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7495, 14.4755, 12.2145 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 17.7495, 14.4755, 12.2145 by changing the saturation by 10% instead.

■ 17.7495, 14.4755,
12.2145

■ 17.7495, 14.4755,
12.2145

232.5283,
220.1692, 216.8483

■ 10.8689, 8.4521,
6.7656

■ 39.1435, 33.9304,
30.5554

■ 6.0454, 4.3856,
3.2397

■ 54.3875, 48.1307,
44.2845

■ 2.9136, 1.8915,
1.2183

■ 73.1501, 65.8254,
61.6108

■ 1.1082, 0.5433,
0.0000

■ 95.7965, 87.3989,
82.9527

■ 0.0320, 0.0000,
0.0000

122.6922,
113.2357, 108.7289

■ 0.0000, 0.0000,
0.0000

154.2025,

143.7201, 139.3579

190.6927,
179.2364, 175.2581

■ 17.7495, 14.4755,
12.2145

■ 17.7495, 14.4755,
12.2145

■ 16.0430, 11.9759,
8.8298

■ 19.8194, 17.5154,
16.2949

■ 14.6778, 9.9830,
6.1012

■ 22.2706, 21.1225,
21.1059

■ 13.6313, 8.4628,
3.9865


■ 25.1216, 25.3242,
26.6811


■ 12.8777, 7.3763,
2.4380


■ 28.3889, 30.1457,
33.0517


■ 12.3870, 6.6782,
1.4014


■ 32.0884, 35.6107,
40.2473


 12.1066, 6.2813,
0.8025

 36.2351, 41.7416,
48.2958

 12.0614, 6.2145,
0.7144

 40.8431, 48.5599,
57.2239

 45.9262, 56.0859,
67.0571

 51.4972, 64.3392,
77.8200

Harmonies

Analogous

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



17.9667, 14.4755, 17.7399



17.7495, 14.4755, 12.2145



16.4072, 14.4755, 8.6486

Triad

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



17.7495, 14.4755, 12.2145



10.9769, 14.4755, 9.6417



13.1053, 14.4755, 29.5144

Complementary

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



17.7495, 14.4755, 12.2145



19.8596, 25.1363, 30.5944

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.



11.4115, 14.4755, 25.9830



17.7495, 14.4755, 12.2145



10.2648, 14.4755, 13.9357

Square

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



17.7495, 14.4755, 12.2145



12.4568, 14.4755, 7.4360



10.4157, 14.4755, 19.9359



15.1479, 14.4755, 28.7273

Rectangle

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



17.7495, 14.4755, 12.2145



15.1217, 14.4755, 7.4205



10.4157, 14.4755, 19.9359



12.4798, 14.4755, 28.7655

Sweetspot

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



17.7499, 14.4762, 12.2148



43.3105, 42.8769, 44.5028



20.5445, 15.5368, 29.5199



9.7429, 9.5756, 9.8776



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.7499, 14.4762, 12.2148



29.0495, 21.9133, 16.4470



20.1899, 19.4959, 12.5974



5.8087, 5.8185, 6.0987



10.4586, 5.3885, 0.6299



0.1297, 0.0666, 0.0165

Inverse Universe

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



17.7499, 14.4762, 12.2148



29.0495, 21.9133, 16.4470



16.5165, 18.2014, 30.2465



5.8087, 5.8185, 6.0987



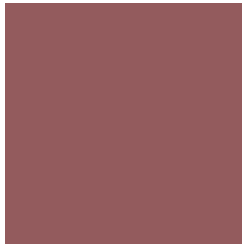
10.4586, 5.3885, 0.6299



0.1297, 0.0666, 0.0165

Previews

White Background



This preview shows how the XYZ color 17.7495, 14.4755, 12.2145 looks on a white background.

Color Contrast Check

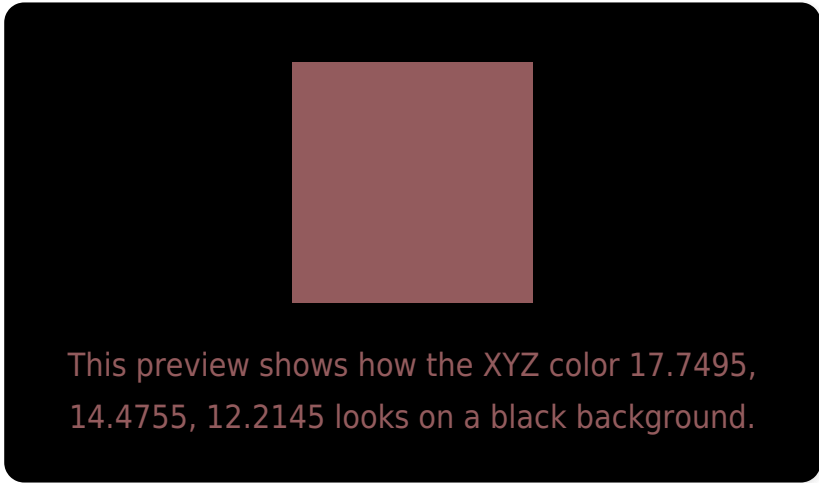
Large Text (above 18pt) WCAG AA ✓ Pass

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

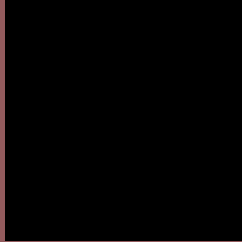
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7495, 14.4755, 12.2145

Background



This preview shows how black text looks on a background with the XYZ color 17.7495, 14.4755, 12.2145.



This preview shows how white text looks on a background with the XYZ color 17.7495, 14.4755,

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

17.7495, 14.4755, 12.2145

Protanopia

13.9334, 14.5627, 14.3884

Deuteranopia

14.9070, 14.6668, 11.9428



Tritanopia

17.8465, 14.3784, 13.1440

Trichromacy



Original Color

17.7495, 14.4755, 12.2145

Protanomaly

15.0267, 14.4002, 13.5428

Deuteranomaly

15.9093, 14.6019, 12.1052

Tritanomaly

17.8001, 14.3599, 12.8999

Monochromacy



Original Color

17.7495, 14.4755, 12.2145

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2256, 14.6196, 14.8514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7495, 14.4755, 12.2145 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(147, 91, 93)` looks like.

```
.text, #text, p{  
    color:rgb(147, 91, 93)  
}
```

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(147, 91, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 91, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.7495, 14.4755, 12.2145 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(147, 91, 93) }
```


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

```
.border{ border-color:rgb(147, 91, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 91, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 91, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 91, 93);  
box-shadow:4px 4px 4px 4px rgb(147, 91,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7495, 14.4755, 12.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 91, 93) }
```

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

```
.background{ background-color: rgb(147, 91,  
93) }
```

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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