

Converting Colors

XYZ(17.5826, 14.7517, 12.3771)

Have a look what the booklet for
XYZ(17.5826, 14.7517, 12.3771)
contains.

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Color

**XYZ(17.6555, 14.8155,
12.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	915E5D
RGB	145, 94, 93
RGB Percent	57%, 37%, 36%
CMY	0.4314, 0.6314, 0.6353
CMYK	0.00, 0.35, 0.36, 0.43
HSL	1°, 22%, 47%
HSV	1°, 36%, 57%
XYZ	17.6555, 14.8155, 12.2850
YIQ	109.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

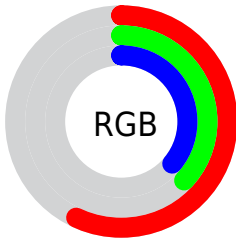
Format	Color
R_{YB}	145, 94, 93
Decimal	9526877
CIE Lab	45.38, 20.72, 9.19
CIE LCh	45, 22.662, 23.912
Yxy	14.8155, 0.3945, 0.3310
Android (android.graphics.Color)	4287716957 (0xFF915E5D)
YUV	109.1350, -7.9546, 31.4536
Hunter-Lab	38.4909, 14.5176, 8.0203

Details

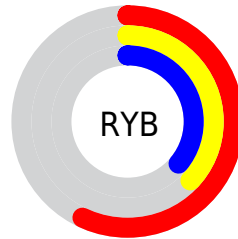
The XYZ color **17.6555, 14.8155, 12.2850** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5977, 24.3167, 30.4486**, and the grayscale version is **14.5903, 15.3501, 16.7163**.

A 20% lighter version of the original color is **38.9027, 34.5133, 30.5979**, and **6.0438, 4.5654, 3.2520** is the 20% darker color. If you saturate the color by 10%, you get **15.9231, 12.2828, 8.8337**, and if you desaturate by 10%, it is **19.7435, 17.8643, 16.4559**.

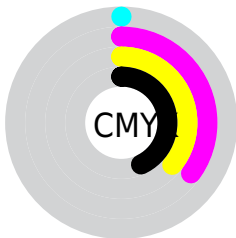
Distribution



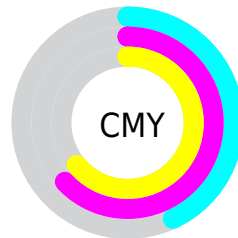
- Red (57%)
- Green (37%)
- Blue (36%)



- Red (57%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (36%)
- Black (43%)



- Cyan (43%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6555, 14.8155, 12.2850 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 17.6555, 14.8155, 12.2850 by changing the saturation by 10% instead.

■ 17.6555, 14.8155,
12.2850

■ 17.6555, 14.8155,
12.2850

232.0054,
222.2468, 217.3275

■ 10.8011, 8.6900,
6.8132

■ 38.9841, 34.5292,
30.6852

■ 5.9996, 4.5395,
3.2689

■ 54.1891, 48.8862,
44.4508

■ 2.8855, 1.9797,
1.2335

■ 72.9083, 66.7558,
61.8179

■ 1.0935, 0.5956,
0.0063

■ 95.5071, 88.5224,
83.2053

■ 0.0197, 0.0000,
0.0000

122.3508,
114.5704, 109.0314

■ 0.0000, 0.0000,
0.0000

153.8049,

145.2842, 139.7148

190.2346,
181.0482, 175.6740

■ 17.6555, 14.8155,
12.2850

■ 17.6555, 14.8155,
12.2850

■ 15.9231, 12.2828,
8.8337

■ 19.7435, 17.8643,
16.4559

■ 14.5253, 10.2356,
6.0607

■ 22.2041, 21.4533,
21.3831

■ 13.4409, 8.6436,
3.9214


■ 25.0546, 25.6076,
27.1017

■ 12.6458, 7.4719,
2.3659

■ 28.3110, 30.3502,
33.6443


■ 12.1123, 6.6810,
1.3366


■ 31.9882, 35.7026,
41.0419


 11.8041, 6.2214,
0.7510

 36.1005, 41.6855,
49.3236

 11.7074, 6.0805,
0.5566

 40.6615, 48.3185,
58.5173

 45.6842, 55.6203,
68.6497

 51.1810, 63.6089,
79.7463

Harmonies

Analogous

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



17.9951, 14.8155, 17.2558



17.6555, 14.8155, 12.2850



16.3225, 14.8155, 9.1224

Triad

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



17.6555, 14.8155, 12.2850



11.3552, 14.8155, 10.7648



13.7014, 14.8155, 28.7866

Complementary

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



17.6555, 14.8155, 12.2850



19.5977, 24.3167, 30.4486

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.



12.0560, 14.8155, 26.0392



17.6555, 14.8155, 12.2850



10.7813, 14.8155, 15.0572

Square

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



17.6555, 14.8155, 12.2850



12.6653, 14.8155, 8.3913



11.0259, 14.8155, 20.7073



15.5999, 14.8155, 27.5811

Rectangle

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



17.6555, 14.8155, 12.2850



15.1084, 14.8155, 8.0823



11.0259, 14.8155, 20.7073



13.1025, 14.8155, 28.2785

Sweetspot

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



17.6559, 14.8162, 12.2853



42.0407, 41.7379, 42.8584



20.6356, 15.8662, 28.4138



9.2199, 9.0919, 9.2685



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.6559, 14.8162, 12.2853



29.0773, 22.8179, 16.9364



20.3533, 20.2109, 13.1844



5.4167, 5.4397, 5.6538



10.0441, 5.2200, 0.4782



0.0974, 0.0526, 0.0050

Inverse Universe

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



19.5977, 24.3167, 30.4486



33.0823, 42.4190, 54.4176



16.1192, 17.3598, 29.2891



5.5515, 6.0987, 6.9133



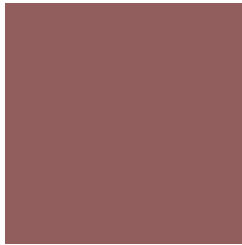
12.7086, 18.4031, 25.8594



0.1233, 0.1796, 0.2478

Previews

White Background



This preview shows how the XYZ color 17.6555, 14.8155, 12.2850 looks on a white background.

Color Contrast Check

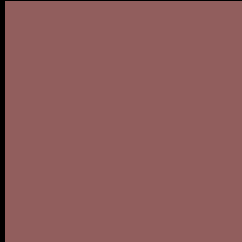
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6555, 14.8155, 12.2850 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 17.6555, 14.8155, 12.2850

Background



This preview shows how black text looks on a background with the XYZ color 17.6555, 14.8155, 12.2850.

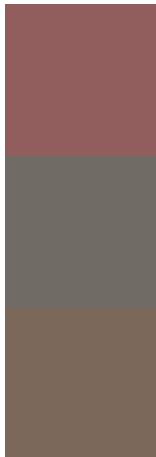


This preview shows how white text looks on a background with the XYZ color 17.6555, 14.8155,

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

17.6555, 14.8155, 12.2850

Protanopia

14.2400, 14.8802, 14.1782

Deuteranopia

15.1508, 14.9410, 11.9829



Tritanopia

18.0687, 14.8598, 13.9725

Trichromacy



Original Color

17.6555, 14.8155, 12.2850

Protanomaly

15.2212, 14.6509, 13.3349

Deuteranomaly

16.0047, 14.7926, 12.1369

Tritanomaly

17.9261, 14.8028, 13.2217

Monochromacy



Original Color

17.6555, 14.8155, 12.2850

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4245, 15.0175, 14.9177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6555, 14.8155, 12.2850 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(145, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(145, 94, 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(145, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 94, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.6555, 14.8155, 12.2850 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(145, 94, 93) }
```


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

```
.border{ border-color:rgb(145, 94, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 94, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(145, 94,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6555, 14.8155, 12.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 94, 93) }
```

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

```
.background{ background-color: rgb(145, 94,  
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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