

Converting Colors

XYZ(17.7563, 14.5749, 13.6818)

Have a look what the booklet for
XYZ(17.7563, 14.5749, 13.6818)
contains.

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Color

**XYZ(17.7563, 14.5749,
13.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	915C63
RGB	145, 92, 99
RGB Percent	57%, 36%, 39%
CMY	0.4314, 0.6392, 0.6118
CMYK	0.00, 0.37, 0.32, 0.43
HSL	352°, 22%, 46%
HSV	352°, 37%, 57%
XYZ	17.7563, 14.5749, 13.6818
YIQ	108.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

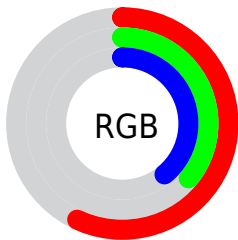
Format	Color
R_{YB}	145, 92, 99
Decimal	9526371
CIE _{Lab}	45.05, 22.70, 5.08
CIE _{LCh}	45, 23.260, 12.609
Yxy	14.5749, 0.3859, 0.3168
Android (android.graphics.Color)	4287716451 (0xFF915C63)
YUV	108.6450, -4.7550, 31.8833
Hunter-Lab	38.1771, 16.2111, 5.4758

Details

The XYZ color **17.7563, 14.5749, 13.6818** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.1271, 24.3613, 27.7400**, and the grayscale version is **14.4429, 15.1951, 16.5474**.

A 20% lighter version of the original color is **39.1469, 34.1263, 33.3779**, and **6.0952, 4.4610, 3.9080** is the 20% darker color. If you saturate the color by 10%, you get **16.0628, 12.0769, 10.3765**, and if you desaturate by 10%, it is **19.7848, 17.5927, 17.5617**.

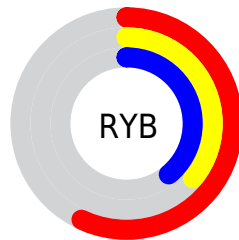
Distribution



Red (57%)

Green (36%)

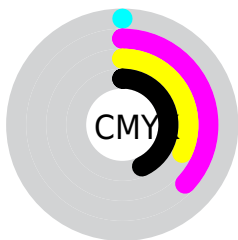
Blue (39%)



Red (57%)

Yellow (36%)

Blue (39%)

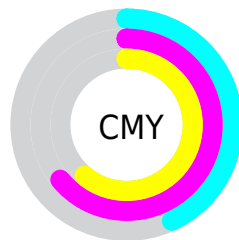


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (43%)



Cyan (43%)

Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7563, 14.5749, 13.6818 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 17.7563, 14.5749, 13.6818 by changing the saturation by 10% instead.

■ 17.7563, 14.5749,
13.6818

■ 17.7563, 14.5749,
13.6818

232.5661,
220.7786, 226.6014

■ 10.8738, 8.5216,
7.7635

■ 39.1550, 34.1057,
33.2323

■ 6.0487, 4.4305,
3.8584

■ 54.4019, 48.3519,
47.7016

■ 2.9157, 1.9172,
1.5480

■ 73.1676, 66.0980,
65.8582

■ 1.1093, 0.5587,
0.2533

■ 95.8175, 87.7282,
88.1208

■ 0.0329, 0.0000,
0.0000

122.7169,
113.6270, 114.9079

■ 0.0000, 0.0000,
0.0000

154.2313,

144.1787, 146.6380

190.7259,
179.7677, 183.7296

■ 17.7563, 14.5749,
13.6818

■ 17.7563, 14.5749,
13.6818

■ 16.0628, 12.0769,
10.3765

■ 19.7848, 17.5927,
17.5617

■ 14.6851, 10.0673,
7.6177

■ 22.1639, 21.1551,
22.0411

■ 13.6036, 8.5147,
5.3759


■ 24.9095, 25.2879,
27.1441


■ 12.7964, 7.3829,
3.6187


■ 28.0363, 30.0146,
32.8934


■ 12.2381, 6.6305,
2.3097


■ 31.5581, 35.3575,
39.3107


 11.8909, 6.1922,
1.4049

 35.4882, 41.3376,
46.4165

 11.7958, 6.0672,
1.1719

 39.8390, 47.9750,
54.2304

 44.6225, 55.2889,
62.7713

 49.8503, 63.2976,
72.0573

Harmonies

Analogous

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



17.6629, 14.5749, 19.2265



17.7563, 14.5749, 13.6818



16.7366, 14.5749, 9.7592

Triad

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



17.7563, 14.5749, 13.6818



11.5118, 14.5749, 9.3172



12.7837, 14.5749, 28.1762

Complementary

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



17.7563, 14.5749, 13.6818



19.1271, 24.3613, 27.7400

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.



11.3213, 14.5749, 24.1113



17.7563, 14.5749, 13.6818



10.6346, 14.5749, 12.9281

Square

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



17.7563, 14.5749, 13.6818



13.0664, 14.5749, 7.6572



10.5683, 14.5749, 18.2790



14.6706, 14.5749, 28.5107

Rectangle

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



17.7563, 14.5749, 13.6818



15.6128, 14.5749, 8.2410



10.5683, 14.5749, 18.2790



12.2307, 14.5749, 27.1643

Sweetspot

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



17.7567, 14.5756, 13.6821



42.2246, 41.6929, 44.1921



19.4086, 15.0970, 28.6790



9.2644, 9.0810, 9.5913



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.



17.7567, 14.5756, 13.6821



29.2216, 22.2968, 19.4805



19.3411, 18.2567, 12.6307



5.4361, 5.4350, 5.7944



10.1237, 5.2065, 1.0369



0.1013, 0.0516, 0.0336

Inverse Universe

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



17.7567, 14.5756, 13.6821



29.2216, 22.2968, 19.4805



16.9306, 19.1313, 29.5884



5.4361, 5.4350, 5.7944



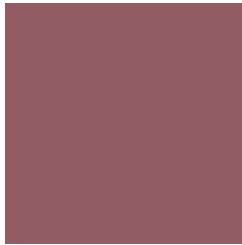
10.1237, 5.2065, 1.0369



0.1013, 0.0516, 0.0336

Previews

White Background



This preview shows how the XYZ color 17.7563, 14.5749, 13.6818 looks on a white background.

Color Contrast Check

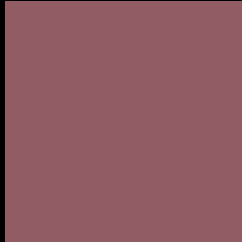
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7563, 14.5749, 13.6818 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 17.7563, 14.5749, 13.6818

Background



This preview shows how black text looks on a background with the XYZ color 17.7563, 14.5749, 13.6818.



This preview shows how white text looks on a background with the XYZ color 17.7563, 14.5749,

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

17.7563, 14.5749, 13.6818

Protanopia

14.1146, 14.6208, 15.9881

Deuteranopia

14.8931, 14.6285, 13.3479



Tritanopia

17.7563, 14.5749, 13.6818

Trichromacy



Original Color

17.7563, 14.5749, 13.6818

Protanomaly

15.1784, 14.4444, 15.0848

Deuteranomaly

15.8724, 14.5513, 13.5274

Tritanomaly

17.7563, 14.5749, 13.6818

Monochromacy



Original Color

17.7563, 14.5749, 13.6818

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4261, 14.8580, 15.4194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7563, 14.5749, 13.6818 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, 92, 99)` looks like.

```
.text, #text, p{  
    color:rgb(145, 92, 99)  
}
```

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, 92, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 92, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.7563, 14.5749, 13.6818 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, 92, 99) }
```


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

```
.border{ border-color:rgb(145, 92, 99) }
```

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

Here you see how a box with a 4 pixel rgb(145, 92, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 92, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 92, 99);  
box-shadow:4px 4px 4px 4px rgb(145, 92,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7563, 14.5749, 13.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 92, 99) }
```

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

```
.background{ background-color: rgb(145, 92,  
99) }
```

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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