

Converting Colors

XYZ(17.9714, 14.4779, 10.9640)

Have a look what the booklet for
XYZ(17.9714, 14.4779, 10.9640)
contains.

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Color

**XYZ(17.9541, 14.4845,
10.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	965A57
RGB	150, 90, 87
RGB Percent	59%, 35%, 34%
CMY	0.4118, 0.6470, 0.6588
CMYK	0.00, 0.40, 0.42, 0.41
HSL	3°, 27%, 46%
HSV	3°, 42%, 59%
XYZ	17.9541, 14.4845, 10.8663
YIQ	107.5980, 36.7230, 11.7870

Conversions

Conversions Part 2

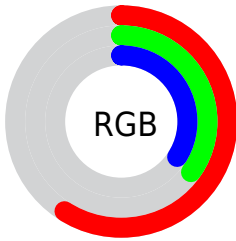
Format	Color
R _Y B	150, 90, 87
Decimal	9853527
CIE Lab	44.92, 24.30, 12.27
CIE LCh	45, 27.222, 26.780
Yxy	14.4845, 0.4146, 0.3345
Android (android.graphics.Color)	4288043607 (0xFF965A57)
YUV	107.5980, -10.1548, 37.1866
Hunter-Lab	38.0585, 17.6050, 9.7127

Details

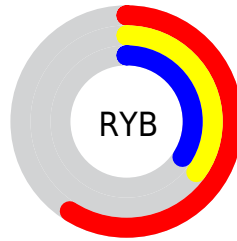
The XYZ color **17.9541, 14.4845, 10.8663** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8686, 25.0943, 32.6505**, and the grayscale version is **14.1621, 14.8996, 16.2257**.

A 20% lighter version of the original color is **39.4938, 33.9777, 28.1437**, and **6.1057, 4.3817, 2.7144** is the 20% darker color. If you saturate the color by 10%, you get **16.3125, 12.0822, 7.6033**, and if you desaturate by 10%, it is **19.9554, 17.4023, 14.8777**.

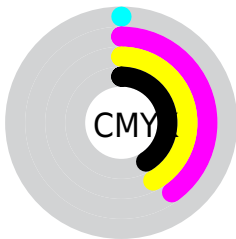
Distribution



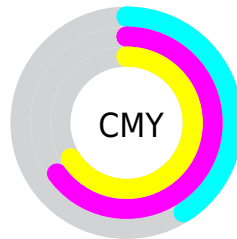
- Red (59%)
- Green (35%)
- Blue (34%)



- Red (59%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (41%)



- Cyan (41%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9541, 14.4845, 10.8663 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 17.9541, 14.4845, 10.8663 by changing the saturation by 10% instead.

■ 17.9541, 14.4845,
10.8663

■ 17.9541, 14.4845,
10.8663

233.6628,
220.2244, 207.4524

■ 11.0165, 8.4584,
5.8640

■ 39.4898, 33.9463,
28.0455

■ 6.1453, 4.3896,
2.6951

■ 54.8186, 48.1507,
41.0595

■ 2.9751, 1.8938,
0.9410

■ 73.6753, 65.8501,
57.5811

■ 1.1406, 0.5447,
0.0000

■ 96.4250, 87.4288,
78.0289

■ 0.0587, 0.0000,
0.0000

■ 123.4333,
113.2712, 102.8213

■ 0.0000, 0.0000,
0.0000

155.0655,

143.7616, 132.3770

191.6868,
179.2846, 167.1146

■ 17.9541, 14.4845,
10.8663

■ 17.9541, 14.4845,
10.8663

■ 16.3125, 12.0822,
7.6033

■ 19.9554, 17.4023,
14.8777

■ 15.0082, 10.1635,
5.0417

■ 22.3348, 20.8608,
19.6792

■ 14.0181, 8.6962,
3.1303

■ 25.1107, 24.8863,
25.3100

■ 13.3156, 7.6434,
1.8105

■ 28.3001, 29.5027,
31.8070

■ 12.8698, 6.9622,
1.0134

■ 31.9190, 34.7323,
39.2043

■ 12.6552, 6.6393,
0.6145

■ 35.9825, 40.5965,
47.5346

■ 40.5050, 47.1157,
56.8287

■ 45.5002, 54.3091,
67.1162

■ 50.9812, 62.1954,
78.4253

Harmonies

Analogous

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



18.4996, 14.4845, 16.4700



17.9541, 14.4845, 10.8663



16.2485, 14.4845, 7.5764

Triad

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



17.9541, 14.4845, 10.8663



10.4869, 14.4845, 9.9620



13.5280, 14.4845, 31.4551

Complementary

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



17.9541, 14.4845, 10.8663



19.8686, 25.0943, 32.6505

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.



11.5521, 14.4845, 28.4142



17.9541, 14.4845, 10.8663



9.9195, 14.4845, 15.0924

Square

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



17.9541, 14.4845, 10.8663



11.9267, 14.4845, 7.1617



10.2876, 14.4845, 21.9663



15.7877, 14.4845, 29.4462

Rectangle

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



17.9541, 14.4845, 10.8663



14.7696, 14.4845, 6.5924



10.2876, 14.4845, 21.9663



12.8110, 14.4845, 30.9734

Sweetspot

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



17.9545, 14.4852, 10.8666



43.6599, 42.9699, 43.3354



21.3232, 15.4354, 29.8308



9.4467, 9.1909, 9.1388



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.



17.9545, 14.4852, 10.8666



29.0542, 21.7128, 13.9445



21.0868, 20.7499, 11.9107



5.8217, 5.8571, 6.0642



10.5029, 5.5203, 0.5119



0.1330, 0.0764, 0.0077

Inverse Universe

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



19.8686, 25.0943, 32.6505



32.8705, 42.8945, 57.4682



15.7271, 16.8115, 31.2700



5.9407, 6.5153, 7.4142



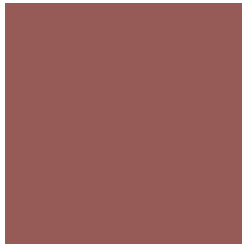
12.7001, 18.0949, 26.7543



0.1613, 0.2332, 0.3294

Previews

White Background



This preview shows how the XYZ color 17.9541, 14.4845, 10.8663 looks on a white background.

Color Contrast Check

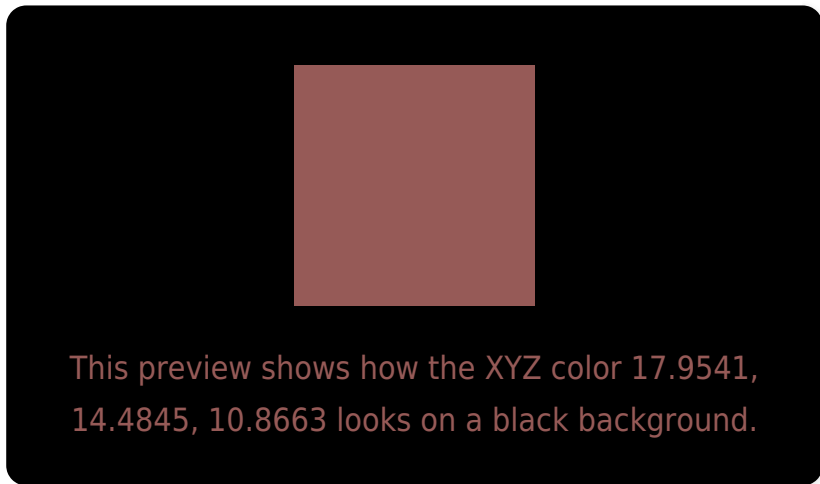
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9541, 14.4845, 10.8663

Background



This preview shows how black text looks on a background with the XYZ color 17.9541, 14.4845, 10.8663.

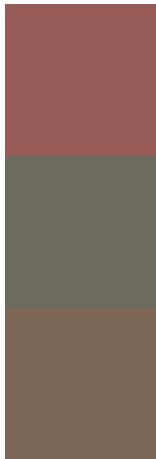


This preview shows how white text looks on a background with the XYZ color 17.9541, 14.4845,

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

17.9541, 14.4845, 10.8663

Protanopia

13.7751, 14.5138, 12.9019

Deuteranopia

14.7032, 14.4437, 10.6073



Tritanopia

18.4004, 14.5503, 12.6652

Trichromacy



Original Color

17.9541, 14.4845, 10.8663

Protanomaly

14.9464, 14.2470, 12.0874

Deuteranomaly

15.7203, 14.3938, 10.7538

Tritanomaly

18.2666, 14.4968, 11.9606

Monochromacy



Original Color

17.9541, 14.4845, 10.8663

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1223, 14.4384, 14.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9541, 14.4845, 10.8663 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(150, 90, 87)` looks like.

```
.text, #text, p{  
    color:rgb(150, 90, 87)  
}
```

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(150, 90, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 90, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.9541, 14.4845, 10.8663 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(150, 90, 87) }
```


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

```
.border{ border-color:rgb(150, 90, 87) }
```

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

Here you see how a box with a 4 pixel rgb(150, 90, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 90, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 90, 87);  
box-shadow:4px 4px 4px 4px rgb(150, 90,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9541, 14.4845, 10.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 90, 87) }
```

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

```
.background{ background-color: rgb(150, 90,  
87) }
```

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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