

Converting Colors

XYZ(17.5913, 14.0046, 9.0356)

Have a look what the booklet for
XYZ(17.5913, 14.0046, 9.0356)
contains.

XYZ(17.5458, 13.9458, 8.9748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.5458, 13.9458,
8.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	97574E
RGB	151, 87, 78
RGB Percent	59%, 34%, 31%
CMY	0.4078, 0.6588, 0.6941
CMYK	0.00, 0.42, 0.48, 0.41
HSL	7°, 32%, 45%
HSV	7°, 48%, 59%
XYZ	17.5458, 13.9458, 8.9748
YIQ	105.1100, 41.0330, 10.7690

Conversions

Conversions Part 2

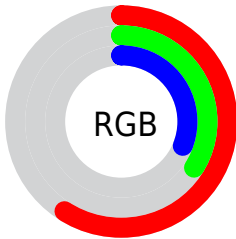
Format	Color
R_{YB}	151, 88, 78
Decimal	9918286
CIE Lab	44.16, 25.41, 16.68
CIE LCh	44, 30.391, 33.279
Yxy	13.9458, 0.4336, 0.3446
Android (android.graphics.Color)	4288108366 (0xFF97574E)
YUV	105.1100, -13.3652, 40.2455
Hunter-Lab	37.3441, 18.5146, 11.8918

Details

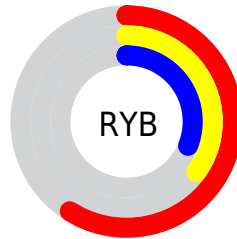
The XYZ color **17.5458, 13.9458, 8.9748** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4001, 23.1987, 32.7859**, and the grayscale version is **13.4848, 14.1870, 15.4497**.

A 20% lighter version of the original color is **38.9317, 33.1192, 24.4194**, and **5.9773, 4.1745, 2.0041** is the 20% darker color. If you saturate the color by 10%, you get **16.0901, 11.8036, 6.1184**, and if you desaturate by 10%, it is **19.3231, 16.5323, 12.5520**.

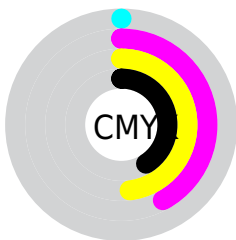
Distribution



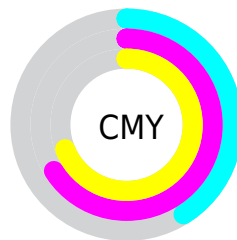
- Red (59%)
- Green (34%)
- Blue (31%)



- Red (59%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (41%)



- Cyan (41%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5458, 13.9458, 8.9748 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 17.5458, 13.9458, 8.9748 by changing the saturation by 10% instead.

■ 17.5458, 13.9458,
8.9748

■ 17.5458, 13.9458,
8.9748

231.3938,
216.8934, 193.4009

■ 10.7221, 8.0830,
4.6282

■ 38.7980, 32.9928,
24.4254

■ 5.9462, 4.1481,
1.9759

■ 53.9573, 46.9458,
36.3664

■ 2.8527, 1.7567,
0.5404

■ 72.6257, 64.3643,
51.6760

■ 1.0764, 0.4600,
0.0000

■ 95.1687, 85.6327,
70.7727

■ 0.0052, 0.0000,
0.0000

■ 121.9517,
111.1355, 94.0749

■ 0.0000, 0.0000,
0.0000

153.3400,

141.2569, 122.0014

189.6989,
176.3814, 154.9705

■ 17.5458, 13.9458,
8.9748

■ 17.5458, 13.9458,
8.9748

■ 16.0901, 11.8036,
6.1184

■ 19.3231, 16.5323,
12.5520

■ 14.9355, 10.0785,
3.9330

■ 21.4387, 19.5838,
16.8936

■ 14.0610, 8.7439,
2.3636

■ 23.9093, 23.1227,
22.0407

■ 13.4419, 7.7688,
1.3464

■ 26.7504, 27.1688,
28.0313

■ 13.0409, 7.1144,
0.7577

■ 29.9763, 31.7411,
34.9010

■ 12.9890, 7.0324,
0.6728

■ 33.6008, 36.8577,
42.6831

■ 37.6368, 42.5356,
51.4095

■ 42.0968, 48.7912,
61.1103

■ 46.9927, 55.6401,
71.8145

Harmonies

Analogous

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



18.4740, 13.9458, 14.4339



17.5458, 13.9458, 8.9748



15.4632, 13.9458, 6.1102

Triad

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



17.5458, 13.9458, 8.9748



9.5126, 13.9458, 9.9387



13.5234, 13.9458, 32.7895

Complementary

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



17.5458, 13.9458, 8.9748



18.4001, 23.1987, 32.7859

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.



11.2679, 13.9458, 30.5000



17.5458, 13.9458, 8.9748



9.1252, 13.9458, 15.9609

Square

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



17.5458, 13.9458, 8.9748



10.8586, 13.9458, 6.5358



9.7279, 13.9458, 23.7497



15.9805, 13.9458, 29.3006

Rectangle

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



17.5458, 13.9458, 8.9748



13.8081, 13.9458, 5.4117



9.7279, 13.9458, 23.7497



12.7170, 13.9458, 32.6729

Sweetspot

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



17.5462, 13.9465, 8.9751



44.2960, 43.5177, 42.5747



20.4057, 13.9957, 27.4076



9.8523, 9.5834, 9.2235



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5462, 13.9465, 8.9751



28.6268, 20.8589, 10.5935



21.2226, 21.2994, 10.2005



6.2672, 6.3394, 6.4992



11.0625, 6.0074, 0.5765



0.1794, 0.1178, 0.0133

Inverse Universe

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



18.4001, 23.1987, 32.7859



30.3142, 39.3965, 58.4402



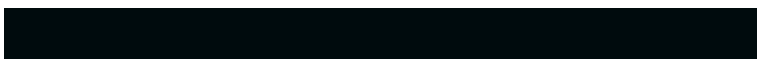
13.8802, 14.1588, 31.2792



6.3196, 6.8965, 7.9270



11.8289, 16.0546, 27.3831



0.1928, 0.2719, 0.4147

Previews

White Background



This preview shows how the XYZ color 17.5458, 13.9458, 8.9748 looks on a white background.

Color Contrast Check

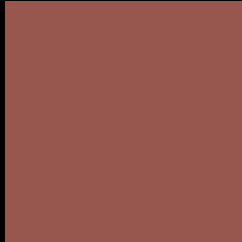
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5458, 13.9458, 8.9748 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 17.5458, 13.9458, 8.9748

Background



This preview shows how black text looks on a background with the XYZ color 17.5458, 13.9458, 8.9748.



This preview shows how white text looks on a background with the XYZ color 17.5458, 13.9458,

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

17.5458, 13.9458, 8.9748

Protanopia

13.2868, 14.1545, 10.8359

Deuteranopia

14.1739, 13.9212, 8.7775



Tritanopia

18.0857, 13.9277, 11.6326

Trichromacy



Original Color

17.5458, 13.9458, 8.9748

Protanomaly

14.5332, 13.7955, 10.0804

Deuteranomaly

15.2633, 13.7886, 8.8782

Tritanomaly

17.9564, 14.0029, 10.5605

Monochromacy



Original Color

17.5458, 13.9458, 8.9748

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.4593, 13.6992, 12.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5458, 13.9458, 8.9748 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(151, 87, 78)` looks like.

```
.text, #text, p{  
    color:rgb(151, 87, 78)  
}
```

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(151, 87, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 87, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.5458, 13.9458, 8.9748 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(151, 87, 78) }
```


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

```
.border{ border-color:rgb(151, 87, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 87, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 87, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 87, 78);  
box-shadow:4px 4px 4px 4px rgb(151, 87,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5458, 13.9458, 8.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 87, 78) }
```

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

```
.background{ background-color: rgb(151, 87,  
78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor