

Converting Colors

XYZ(17.5940, 13.9525, 15.8634)

Have a look what the booklet for
XYZ(17.5940, 13.9525, 15.8634)
contains.

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Color

**XYZ(17.5242, 13.9018,
15.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	8F586C
RGB	143, 88, 108
RGB Percent	56%, 35%, 42%
CMY	0.4392, 0.6549, 0.5765
CMYK	0.00, 0.38, 0.24, 0.44
HSL	338°, 24%, 45%
HSV	338°, 38%, 56%
XYZ	17.5242, 13.9018, 15.9470
YIQ	106.7250, 26.3600, 17.8800

Conversions

Conversions Part 2

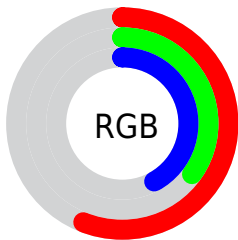
Format	Color
R_{YB}	143, 88, 108
Decimal	9394284
CIE Lab	44.09, 25.56, -1.82
CIE LCh	44, 25.627, 355.935
Yxy	13.9018, 0.3699, 0.2935
Android (android.graphics.Color)	4287584364 (0xFF8F586C)
YUV	106.7250, 0.6286, 31.8132
Hunter-Lab	37.2851, 18.6470, 0.7410

Details

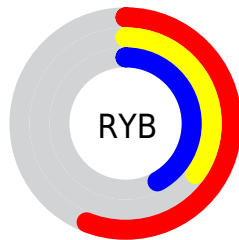
The XYZ color **17.5242, 13.9018, 15.9470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4228, 23.1501, 22.2903**, and the grayscale version is **13.8926, 14.6161, 15.9169**.

A 20% lighter version of the original color is **38.7793, 32.9742, 37.1217**, and **5.9496, 4.1469, 4.9017** is the 20% darker color. If you saturate the color by 10%, you get **16.0042, 11.5967, 13.1742**, and if you desaturate by 10%, it is **19.3259, 16.6890, 19.0635**.

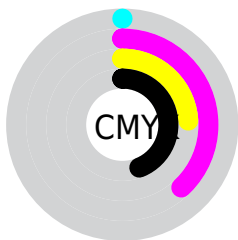
Distribution



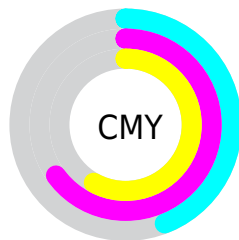
- Red (56%)
- Green (35%)
- Blue (42%)



- Red (56%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5242, 13.9018, 15.9470 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 17.5242, 13.9018, 15.9470 by changing the saturation by 10% instead.

■ 17.5242, 13.9018,
15.9470

■ 17.5242, 13.9018,
15.9470

231.2732,
216.6191, 240.8638

■ 10.7065, 8.0524,
9.3327

■ 38.7614, 32.9147,
37.2717

■ 5.9357, 4.1285,
4.8591

■ 53.9116, 46.8470,
52.8191

■ 2.8463, 1.7457,
2.1075

■ 72.5700, 64.2423,
72.1814

■ 1.0730, 0.4530,
0.6202

■ 95.1021, 85.4851,
95.7770

■ 0.0024, 0.0000,
0.0000

■ 121.8730,
110.9598, 124.0245

■ 0.0000, 0.0000,
0.0000

153.2483,

141.0508, 157.3425

189.5932,
176.1424, 196.1494

■ 17.5242, 13.9018,
15.9470

■ 17.5242, 13.9018,
15.9470

■ 16.0042, 11.5967,
13.1742

■ 19.3259, 16.6890,
19.0635

■ 14.7495, 9.7440,
10.7315

■ 21.4219, 19.9817,
22.5347

■ 13.7440, 8.3139,
8.6058


■ 23.8256, 23.8043,
26.3723

■ 12.9693, 7.2721,
6.7825

■ 26.5492, 28.1788,
30.5870

■ 12.4038, 6.5786,
5.2454


■ 29.6042, 33.1262,
35.1891


 12.0035, 6.1482,
3.9703

 33.0014, 38.6663,
40.1885

 11.9475, 6.0876,
3.7935

 36.7513, 44.8178,
45.5948

 40.8637, 51.5988,
51.4171

 45.3484, 59.0266,
57.6643

Harmonies

Analogous

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



16.7358, 13.9018, 22.3403



17.5242, 13.9018, 15.9470



17.0634, 13.9018, 10.7365

Triad

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



17.5242, 13.9018, 15.9470



11.5711, 13.9018, 7.1159



11.1359, 13.9018, 26.4785

Complementary

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



17.5242, 13.9018, 15.9470



17.4228, 23.1501, 22.2903

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.



9.9907, 13.9018, 20.5998



17.5242, 13.9018, 15.9470



10.2233, 13.9018, 9.6765

Square

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



17.5242, 13.9018, 15.9470



13.4932, 13.9018, 6.4696



9.6745, 13.9018, 14.3543



12.9372, 13.9018, 29.3326

Rectangle

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



17.5242, 13.9018, 15.9470



16.1329, 13.9018, 8.4152



9.6745, 13.9018, 14.3543



10.6690, 13.9018, 24.7272

Sweetspot

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



17.5246, 13.9025, 15.9473



40.9681, 39.9176, 44.5421



16.5928, 13.1620, 27.6528



9.2824, 8.9750, 10.0353



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.



17.5246, 13.9025, 15.9473



29.0348, 21.3290, 24.2930



17.2120, 14.7895, 11.1808



5.4849, 5.4545, 6.0513



10.5732, 5.3863, 3.4037



0.1110, 0.0555, 0.0847

Inverse Universe

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



17.5246, 13.9025, 15.9473



29.0348, 21.3290, 24.2930



17.7402, 21.5729, 29.2157



5.4849, 5.4545, 6.0513



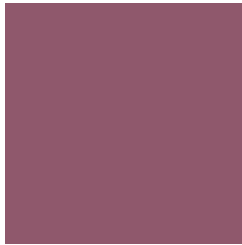
10.5732, 5.3863, 3.4037



0.1110, 0.0555, 0.0847

Previews

White Background



This preview shows how the XYZ color 17.5242, 13.9018, 15.9470 looks on a white background.

Color Contrast Check

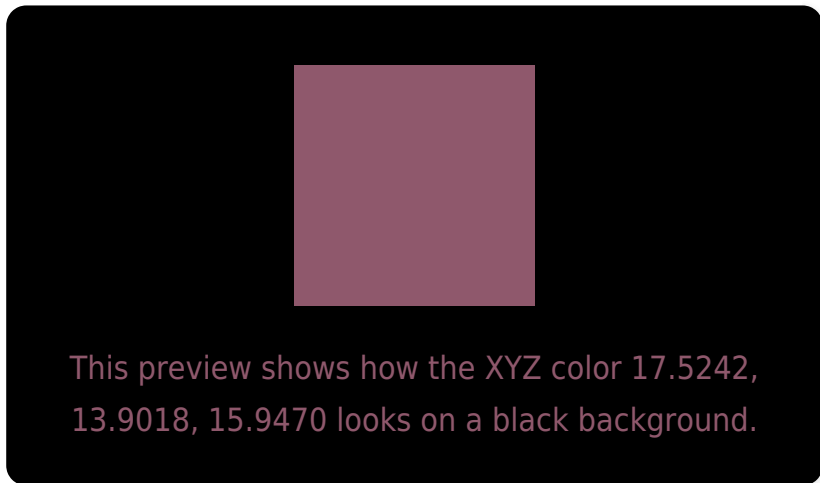
Large Text (above 18pt) WCAG AA ✓ Pass

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

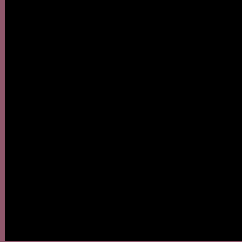
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5242, 13.9018, 15.9470

Background



This preview shows how black text looks on a background with the XYZ color 17.5242, 13.9018, 15.9470.



This preview shows how white text looks on a background with the XYZ color 17.5242, 13.9018,

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

17.5242, 13.9018, 15.9470

Protanopia

13.8138, 14.0922, 19.1315

Deuteranopia

14.1946, 13.9254, 15.5754



Tritanopia

16.9692, 13.9262, 13.1029

Trichromacy



Original Color

17.5242, 13.9018, 15.9470

Protanomaly

14.8762, 13.8018, 17.7995

Deuteranomaly

15.2942, 13.7873, 15.7650

Tritanomaly

17.0767, 13.8351, 14.0823

Monochromacy



Original Color

17.5242, 13.9018, 15.9470

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9567, 14.1689, 15.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5242, 13.9018, 15.9470 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(143, 88, 108)` looks like.

```
.text, #text, p{  
    color:rgb(143, 88, 108)  
}
```

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(143, 88, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 88, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.5242, 13.9018, 15.9470 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(143, 88, 108) }
```


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

```
.border{ border-color:rgb(143, 88, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 88, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 88, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 88, 108);  
box-shadow:4px 4px 4px 4px rgb(143, 88,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5242, 13.9018, 15.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 88, 108) }
```

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

```
.background{ background-color: rgb(143, 88,  
108) }
```

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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