

Converting Colors

XYZ(17.5741, 13.3688, 14.4862)

Have a look what the booklet for
XYZ(17.5741, 13.3688, 14.4862)
contains.

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Color

**XYZ(17.5741, 13.3688,
14.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	935367
RGB	147, 83, 103
RGB Percent	58%, 33%, 40%
CMY	0.4235, 0.6745, 0.5961
CMYK	0.00, 0.44, 0.30, 0.42
HSL	341°, 28%, 45%
HSV	341°, 44%, 58%
XYZ	17.5741, 13.3688, 14.4862
YIQ	104.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

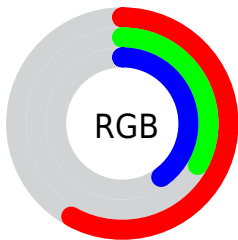
Format	Color
RYB	147, 83, 103
Decimal	9655143
CIELab	43.31, 29.19, 0.16
CIElCh	43, 29.187, 0.323
Yxy	13.3688, 0.3868, 0.2943
Android (android.graphics.Color)	4287845223 (0xFF935367)
YUV	104.4160, -0.6981, 37.3462
Hunter-Lab	36.5634, 21.8097, 2.1040

Details

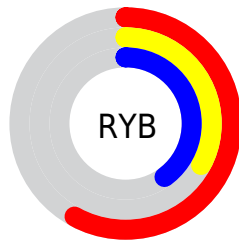
The XYZ color **17.5741, 13.3688, 14.4862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8324, 24.2392, 23.8186**, and the grayscale version is **13.2658, 13.9567, 15.1989**.

A 20% lighter version of the original color is **38.9864, 32.0798, 34.7091**, and **5.9309, 3.8673, 4.1752** is the 20% darker color. If you saturate the color by 10%, you get **16.0893, 11.1626, 11.6379**, and if you desaturate by 10%, it is **19.3594, 16.0778, 17.7375**.

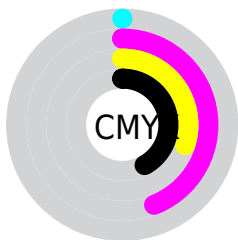
Distribution



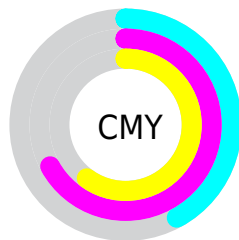
- Red (58%)
- Green (33%)
- Blue (40%)



- Red (58%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5741, 13.3688, 14.4862 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 17.5741, 13.3688, 14.4862 by changing the saturation by 10% instead.

■ 17.5741, 13.3688,
14.4862

■ 17.5741, 13.3688,
14.4862

231.5517,
213.2679, 231.7675

■ 10.7425, 7.6830,
8.3170

■ 38.8461, 31.9648,
34.6787

■ 5.9600, 3.8928,
4.2078

■ 54.0171, 45.6437,
49.5391

■ 2.8612, 1.6138,
1.7400

■ 72.6987, 62.7559,
68.1337

■ 1.0808, 0.3669,
0.3879

■ 95.2561, 83.6856,
90.8809

■ 0.0089, 0.0000,
0.0000

■ 122.0548,
108.8172, 118.1994

■ 0.0000, 0.0000,
0.0000

153.4600,

138.5352, 150.5076

189.8372,
173.2240, 188.2241

■ 17.5741, 13.3688,
14.4862

■ 17.5741, 13.3688,
14.4862

■ 16.0893, 11.1626,
11.6379

■ 19.3594, 16.0778,
17.7375

■ 14.8866, 9.4259,
9.1754

■ 21.4601, 19.3162,
21.4066

■ 13.9471, 8.1246,
7.0811

■ 23.8914, 23.1110,
25.5084

■ 13.2489, 7.2189,
5.3355

■ 26.6670, 27.4869,
30.0568

■ 12.7663, 6.6616,
3.9172

■ 29.7999, 32.4671,
35.0651

■ 12.5245, 6.3998,
3.1531

■ 33.3026, 38.0734,
40.5459

■ 37.1868, 44.3266,
46.5116

■ 41.4637, 51.2466,
52.9737

■ 46.1439, 58.8523,
59.9437

Harmonies

Analogous

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



16.8751, 13.3688, 21.6401



17.5741, 13.3688, 14.4862



16.8454, 13.3688, 9.1271

Triad

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



17.5741, 13.3688, 14.4862



10.6337, 13.3688, 6.2308



10.6715, 13.3688, 28.2919

Complementary

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



17.5741, 13.3688, 14.4862



17.8324, 24.2392, 23.8186

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.



9.3082, 13.3688, 21.7990



17.5741, 13.3688, 14.4862



9.2883, 13.3688, 9.2165

Square

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



17.5741, 13.3688, 14.4862



12.6821, 13.3688, 5.3118



8.8328, 13.3688, 14.6267



12.7312, 13.3688, 30.9148

Rectangle

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



17.5741, 13.3688, 14.4862



15.6925, 13.3688, 6.9167



8.8328, 13.3688, 14.6267



10.1258, 13.3688, 26.4102

Sweetspot

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



17.5745, 13.3695, 14.4865



42.9108, 41.5844, 45.8893



17.0730, 12.7854, 29.1720



9.5805, 9.1556, 10.1173



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.



17.5745, 13.3695, 14.4865



28.9260, 20.1554, 21.0638



17.6627, 14.9647, 10.1419



5.8710, 5.8435, 6.4269



10.8682, 5.5523, 2.7870



0.1451, 0.0728, 0.0979

Inverse Universe

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



17.5745, 13.3695, 14.4865



28.9260, 20.1554, 21.0638



17.5355, 21.3485, 30.8004



5.8710, 5.8435, 6.4269



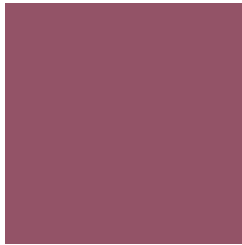
10.8682, 5.5523, 2.7870



0.1451, 0.0728, 0.0979

Previews

White Background



This preview shows how the XYZ color 17.5741, 13.3688, 14.4862 looks on a white background.

Color Contrast Check

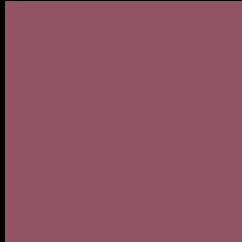
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5741, 13.3688, 14.4862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

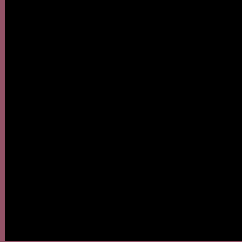
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5741, 13.3688, 14.4862

Background



This preview shows how black text looks on a background with the XYZ color 17.5741, 13.3688, 14.4862.



This preview shows how white text looks on a background with the XYZ color 17.5741, 13.3688,

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

17.5741, 13.3688, 14.4862

Protanopia

13.1555, 13.4843, 17.8290

Deuteranopia

13.7015, 13.4212, 13.9250



Tritanopia

16.9909, 13.3633, 11.5814

Trichromacy



Original Color

17.5741, 13.3688, 14.4862

Protanomaly

14.3779, 13.1618, 16.5345

Deuteranomaly

14.8675, 13.2039, 14.0769

Tritanomaly

17.0899, 13.2779, 12.4886

Monochromacy



Original Color

17.5741, 13.3688, 14.4862

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.4273, 13.3583, 14.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5741, 13.3688, 14.4862 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(147, 83, 103)` looks like.

```
.text, #text, p{  
    color:rgb(147, 83, 103)  
}
```

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(147, 83, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 83, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.5741, 13.3688, 14.4862 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(147, 83, 103) }
```


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

```
.border{ border-color:rgb(147, 83, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 83, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 83, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 83, 103);  
box-shadow:4px 4px 4px 4px rgb(147, 83,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5741, 13.3688, 14.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 83, 103) }
```

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

```
.background{ background-color: rgb(147, 83,  
103) }
```

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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