

Converting Colors

XYZ(17.5092, 13.8251, 17.8906)

Have a look what the booklet for
XYZ(17.5092, 13.8251, 17.8906)
contains.

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Color

**XYZ(17.5687, 13.8800,
17.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5873
RGB	141, 88, 115
RGB Percent	55%, 35%, 45%
CMY	0.4471, 0.6549, 0.5490
CMYK	0.00, 0.38, 0.18, 0.45
HSL	329°, 23%, 45%
HSV	329°, 38%, 55%
XYZ	17.5687, 13.8800, 17.9728
YIQ	106.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

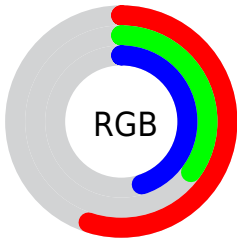
Format	Color
R_{YB}	141, 88, 115
Decimal	9263219
CIE _{Lab}	44.06, 25.94, -6.16
CIE _{LCh}	44, 26.660, 346.645
Yxy	13.8800, 0.3555, 0.2808
Android (android.graphics.Color)	4287453299 (0xFF8D5873)
YUV	106.9250, 3.9810, 29.8838
Hunter-Lab	37.2559, 18.9772, -2.5233

Details

The XYZ color **17.5687, 13.8800, 17.9728** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.5872, 22.3396, 19.3583**, and the grayscale version is **13.9396, 14.6656, 15.9708**.

A 20% lighter version of the original color is **38.9726, 32.9910, 40.8730**, and **5.9259, 4.1150, 5.7921** is the 20% darker color. If you saturate the color by 10%, you get **16.1381, 11.6320, 15.6052**, and if you desaturate by 10%, it is **19.2539, 16.5890, 20.5729**.

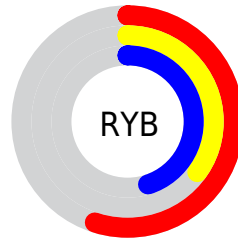
Distribution



Red (55%)

Green (35%)

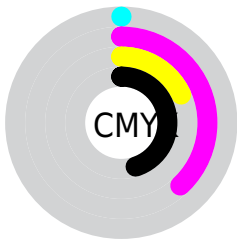
Blue (45%)



Red (55%)

Yellow (35%)

Blue (45%)

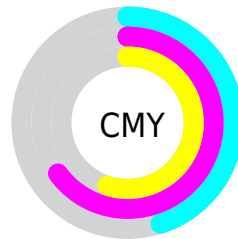


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (45%)



Cyan (45%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5687, 13.8800, 17.9728 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 17.5687, 13.8800, 17.9728 by changing the saturation by 10% instead.

■ 17.5687, 13.8800,
17.9728

■ 17.5687, 13.8800,
17.9728

231.5216,
216.4830, 252.9487

■ 10.7386, 8.0373,
10.7612

■ 38.8369, 32.8760,
40.8043

■ 5.9573, 4.1188,
5.7944

■ 54.0057, 46.7979,
57.2613

■ 2.8596, 1.7402,
2.6537

■ 72.6847, 64.1818,
77.6371

■ 1.0799, 0.4495,
0.9200

■ 95.2394, 85.4119,
102.3504

■ 0.0082, 0.0000,
0.0000

■ 122.0351,
110.8727, 131.8197

■ 0.0000, 0.0000,
0.0000

153.4371,

140.9486, 166.4635

189.8108,
176.0239, 206.7003

■ 17.5687, 13.8800,
17.9728

■ 17.5687, 13.8800,
17.9728

■ 16.1381, 11.6320,
15.6052

■ 19.2539, 16.5890,
20.5729

■ 14.9472, 9.8168,
13.4616

■ 21.2049, 19.7812,
23.4121

■ 13.9815, 8.4063,
11.5339

■ 23.4340, 23.4795,
26.4974

■ 13.2243, 7.3681,
9.8131

■ 25.9520, 27.7050,
29.8355

■ 12.6562, 6.6648,
8.2892

■ 28.7694, 32.4775,
33.4327

■ 12.2406, 6.2243,
6.9462

■ 31.8958, 37.8157,
37.2951

■ 12.1486, 6.1283,
6.6439

■ 35.3408, 43.7374,
41.4284

■ 39.1133, 50.2598,
45.8384

■ 43.2219, 57.3993,
50.5304

Harmonies

Analogous

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



16.3835, 13.8800, 24.6264



17.5687, 13.8800, 17.9728



17.4955, 13.8800, 12.0100

Triad

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



17.5687, 13.8800, 17.9728



12.0592, 13.8800, 6.4611



10.5876, 13.8800, 25.2883

Complementary

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



17.5687, 13.8800, 17.9728



16.5872, 22.3396, 19.3583

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.



9.6601, 13.8800, 18.7091



17.5687, 13.8800, 17.9728



10.4453, 13.8800, 8.4323

Square

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



17.5687, 13.8800, 17.9728



14.1566, 13.8800, 6.3632



9.6110, 13.8800, 12.5738



12.2733, 13.8800, 29.5525

Rectangle

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



17.5687, 13.8800, 17.9728



16.7404, 13.8800, 9.1618



9.6110, 13.8800, 12.5738



10.1851, 13.8800, 23.2052

Sweetspot

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



17.5691, 13.8806, 17.9731



40.4505, 39.5231, 45.3839



15.1877, 12.4551, 26.8029



8.9300, 8.6537, 9.9922



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.5691, 13.8806, 17.9731



29.2862, 21.4297, 28.6061



16.2730, 13.3622, 11.1479



5.5163, 5.4671, 6.2169



11.0852, 5.5911, 6.1002



0.1171, 0.0579, 0.1169

Inverse Universe

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



17.5691, 13.8806, 17.9731



29.2862, 21.4297, 28.6061



18.2920, 23.0215, 28.3356



5.5163, 5.4671, 6.2169



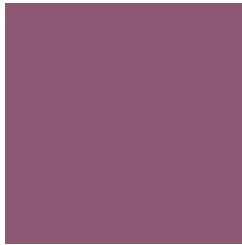
11.0852, 5.5911, 6.1002



0.1171, 0.0579, 0.1169

Previews

White Background



This preview shows how the XYZ color 17.5687, 13.8800, 17.9728 looks on a white background.

Color Contrast Check

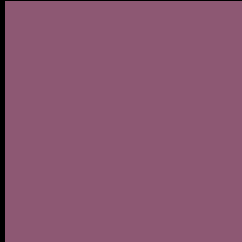
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5687, 13.8800, 17.9728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

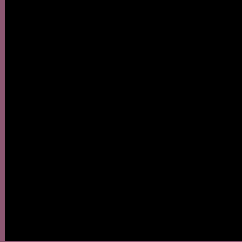
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5687, 13.8800, 17.9728

Background



This preview shows how black text looks on a background with the XYZ color 17.5687, 13.8800, 17.9728.



This preview shows how white text looks on a background with the XYZ color 17.5687, 13.8800,

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

17.5687, 13.8800, 17.9728

Protanopia

13.9075, 14.0906, 21.3888

Deuteranopia

14.2876, 14.0745, 17.5864



Tritanopia

16.5932, 13.8530, 13.3546

Trichromacy



Original Color

17.5687, 13.8800, 17.9728

Protanomaly

14.8891, 13.7607, 19.9605

Deuteranomaly

15.3380, 13.9019, 17.7945

Tritanomaly

16.9701, 13.8873, 14.8828

Monochromacy



Original Color

17.5687, 13.8800, 17.9728

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9794, 14.1621, 16.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5687, 13.8800, 17.9728 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(141, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 88, 115)  
}
```

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(141, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 88, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.5687, 13.8800, 17.9728 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(141, 88, 115) }
```


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

```
.border{ border-color:rgb(141, 88, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 88, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 88, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 88, 115); box-shadow:4px 4px 4px 4px rgb(141, 88, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5687, 13.8800, 17.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 88, 115) }
```

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

```
.background{ background-color: rgb(141, 88,  
115) }
```

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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