

Converting Colors

XYZ(17.7628, 10.3832, 13.8999)

Have a look what the booklet for
XYZ(17.7628, 10.3832, 13.8999)
contains.

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Color

**XYZ(17.7628, 10.3832,
13.8999)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2F67
RGB	159, 47, 103
RGB Percent	62%, 18%, 40%
CMY	0.3765, 0.8157, 0.5961
CMYK	0.00, 0.70, 0.35, 0.38
HSL	330°, 54%, 40%
HSV	330°, 70%, 62%
XYZ	17.7628, 10.3832, 13.8999
YIQ	86.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

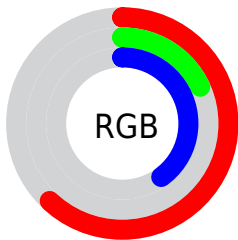
Format	Color
R_{YB}	159, 47, 103
Decimal	10432359
CIE _{Lab}	38.52, 50.86, -6.70
CIE _{LCh}	39, 51.298, 352.494
Yxy	10.3832, 0.4225, 0.2469
Android (android.graphics.Color)	4288622439 (0xFF9F2F67)
YUV	86.8720, 7.9511, 63.2563
Hunter-Lab	32.2230, 42.0073, -3.0196

Details

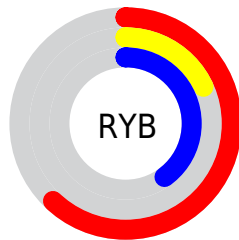
The XYZ color **17.7628, 10.3832, 13.8999** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.0193, 26.3803, 17.0812**, and the grayscale version is **9.0082, 9.4773, 10.3208**.

A 20% lighter version of the original color is **39.1994, 26.5875, 33.6377**, and **6.3073, 3.1691, 4.0206** is the 20% darker color. If you saturate the color by 10%, you get **16.8587, 9.1836, 11.7224**, and if you desaturate by 10%, it is **18.9370, 12.0622, 16.3548**.

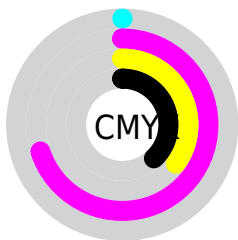
Distribution



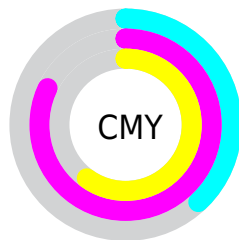
- Red (62%)
- Green (18%)
- Blue (40%)



- Red (62%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7628, 10.3832, 13.8999 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 17.7628, 10.3832, 13.8999 by changing the saturation by 10% instead.


 17.7628, 10.3832,
13.8999


 17.7628, 10.3832,
13.8999


232.6022,
193.3856, 228.0139


 10.8785, 5.6538,
7.9131


 39.1660, 26.5138,
33.6259


 6.0519, 2.6357,
3.9524


 54.4156, 38.6838,
48.2022

 2.9176, 0.9447,
1.5993

 73.1843, 54.1027,
66.4787

 1.1103, 0.0000,
0.2903

 95.8375, 73.1550,
88.8740

 0.0337, 0.0000,
0.0000

 122.7405, 96.2250,
115.8066

 0.0000, 0.0000,
0.0000

 154.2587,

123.6972, 147.6952

190.7575,
155.9559, 184.9581

■ 17.7628, 10.3832,
13.8999

■ 17.7628, 10.3832,
13.8999

■ 16.8587, 9.1836,
11.7224

■ 18.9370, 12.0622,
16.3548

■ 16.1963, 8.4082,
9.8074

■ 20.4040, 14.2645,
19.0996

■ 15.7276, 7.9427,
8.1963

■ 22.1850, 17.0310,
22.1460

■ 24.2989, 20.3978,
25.5051

■ 26.7631, 24.3981,
29.1871

■ 29.5935, 29.0628,
33.2017

■ 32.8053, 34.4205,
37.5582

■ 36.4126, 40.4982,
42.2652

■ 40.4288, 47.3216,
47.3314

Harmonies

Analogous

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



15.9346, 10.3832, 26.7332



17.7628, 10.3832, 13.8999



17.1250, 10.3832, 5.6000

Triad

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



17.7628, 10.3832, 13.8999



7.5972, 10.3832, 1.3780



6.4339, 10.3832, 33.2613

Complementary

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



17.7628, 10.3832, 13.8999



16.0193, 26.3803, 17.0812

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.



5.0212, 10.3832, 19.9677



17.7628, 10.3832, 13.8999



5.5787, 10.3832, 3.3661

Square

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



17.7628, 10.3832, 13.8999



10.7375, 10.3832, 1.0931



4.7482, 10.3832, 9.0559



9.0485, 10.3832, 41.3737

Rectangle

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



17.7628, 10.3832, 13.8999



15.4423, 10.3832, 2.8454



4.7482, 10.3832, 9.0559



5.8295, 10.3832, 28.9833

Sweetspot

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



17.7631, 10.3838, 13.9001



47.4771, 42.9540, 51.6107



12.8687, 7.4205, 33.5551



10.4359, 9.2473, 11.2414



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.7631, 10.3838, 13.9001



29.4116, 15.5059, 18.8206



15.8281, 9.6098, 3.7106



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5848



0.2438, 0.1209, 0.2301

Inverse Universe

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



17.7631, 10.3838, 13.9001



29.4116, 15.5059, 18.8206



19.8288, 27.9041, 37.1420



6.7644, 6.6987, 7.6105



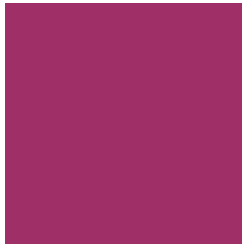
12.4432, 6.2818, 6.5848



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 17.7628, 10.3832, 13.8999 looks on a white background.

Color Contrast Check

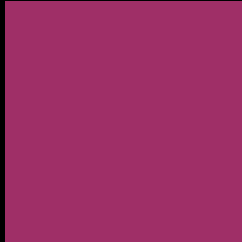
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7628, 10.3832, 13.8999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

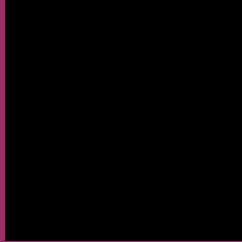
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7628, 10.3832, 13.8999

Background



This preview shows how black text looks on a background with the XYZ color 17.7628, 10.3832, 13.8999.



This preview shows how white text looks on a background with the XYZ color 17.7628, 10.3832,

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

17.7628, 10.3832, 13.8999

Protanopia

10.9629, 10.5980, 23.2976

Deuteranopia

10.7671, 10.6045, 12.7886



Tritanopia

16.0657, 10.4310, 5.5815

Trichromacy



Original Color

17.7628, 10.3832, 13.8999

Protanomaly

11.9634, 9.4038, 19.2737

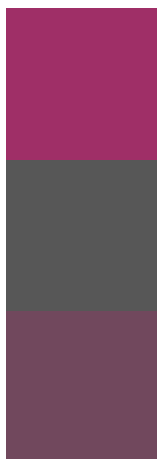
Deuteranomaly

12.4466, 9.7915, 13.0383

Tritanomaly

16.5283, 10.3282, 7.9599

Monochromacy



Original Color

17.7628, 10.3832, 13.8999

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.1032, 8.9358, 11.4955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7628, 10.3832, 13.8999 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(159, 47, 103)` looks like.

```
.text, #text, p{  
    color:rgb(159, 47, 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(159, 47, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 47, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.7628, 10.3832, 13.8999 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(159, 47, 103) }
```


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

```
.border{ border-color:rgb(159, 47, 103) }
```

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

Here you see how a box with a 4 pixel rgb(159, 47, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 47, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 47, 103);  
box-shadow:4px 4px 4px 4px rgb(159, 47,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7628, 10.3832, 13.8999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 47, 103) }
```

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

```
.background{ background-color: rgb(159, 47,  
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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