

Converting Colors

XYZ(19.0047, 15.5092, 13.8462)

Have a look what the booklet for
XYZ(19.0047, 15.5092, 13.8462)
contains.

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Color

**XYZ(19.0173, 15.4856,
13.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	975E63
RGB	151, 94, 99
RGB Percent	59%, 37%, 39%
CMY	0.4078, 0.6314, 0.6118
CMYK	0.00, 0.38, 0.34, 0.41
HSL	355°, 23%, 48%
HSV	355°, 38%, 59%
XYZ	19.0173, 15.4856, 13.7911
YIQ	111.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

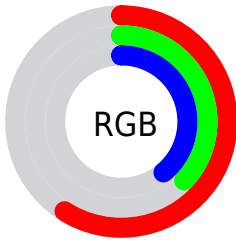
Format	Color
R_{YB}	151, 94, 99
Decimal	9920099
CIE _{Lab}	46.29, 23.94, 6.96
CIE _{LCh}	46, 24.932, 16.209
Yxy	15.4856, 0.3938, 0.3207
Android (android.graphics.Color)	4288110179 (0xFF975E63)
YUV	111.6130, -6.2182, 34.5424
Hunter-Lab	39.3517, 17.3971, 6.7676

Details

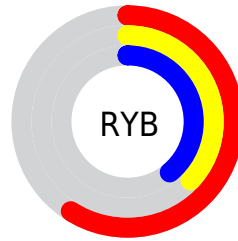
The XYZ color **19.0173, 15.4856, 13.7911** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8717, 26.5885, 31.2275**, and the grayscale version is **15.2992, 16.0960, 17.5285**.

A 20% lighter version of the original color is **41.3625, 35.7182, 33.5684**, and **6.6961, 4.8867, 3.9585** is the 20% darker color. If you saturate the color by 10%, you get **17.2002, 12.8169, 10.2085**, and if you desaturate by 10%, it is **21.2103, 18.7261, 18.0537**.

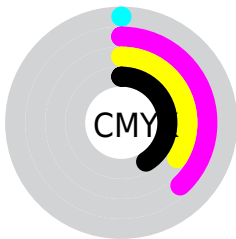
Distribution



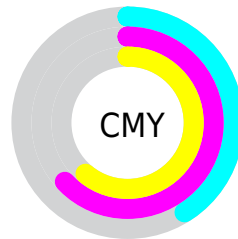
- Red (59%)
- Green (37%)
- Blue (39%)



- Red (59%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0173, 15.4856, 13.7911 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 19.0173, 15.4856, 13.7911 by changing the saturation by 10% instead.

■ 19.0173, 15.4856,
13.7911

■ 19.0173, 15.4856,
13.7911

239.4805,
226.2869, 227.3104

■ 11.7869, 9.1609,
7.8384

■ 41.2800, 35.7028,
33.4297

■ 6.6699, 4.8463,
3.9054

■ 57.0429, 50.3642,
47.9527

■ 3.3010, 2.1574,
1.5736

■ 76.3807, 68.5732,
66.1695

■ 1.3149, 0.6966,
0.2719

■ 99.6588, 90.7142,
88.4987

■ 0.1943, 0.0000,
0.0000

127.2425,
117.1717, 115.3589

■ 0.0000, 0.0000,
0.0000

159.4971,

148.3301, 147.1685

196.7880,
184.5737, 184.3462

■ 19.0173, 15.4856,
13.7911

■ 19.0173, 15.4856,
13.7911

■ 17.2002, 12.8169,
10.2085

■ 21.2103, 18.7261,
18.0537

■ 15.7366, 10.6848,
7.2699

■ 23.7975, 22.5666,
23.0279

■ 14.6038, 9.0534,
4.9372


■ 26.7972, 27.0360,
28.7447


■ 13.7759, 7.8819,
3.1679


■ 30.2265, 32.1608,
35.2327


■ 13.2229, 7.1228,
1.9142


■ 34.1013, 37.9660,
42.5191


 12.8955, 6.6916,
1.1157

 38.4370, 44.4752,
50.6298

 12.8366, 6.6090,
0.9879

 43.2479, 51.7108,
59.5896

 48.5478, 59.6944,
69.4221

 54.3502, 68.4466,
80.1500

Harmonies

Analogous

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



19.0705, 15.4856, 19.8181



19.0173, 15.4856, 13.7911



17.7423, 15.4856, 9.7257

Triad

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



19.0173, 15.4856, 13.7911



11.9528, 15.4856, 9.9705



13.7627, 15.4856, 31.0296

Complementary

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



19.0173, 15.4856, 13.7911



20.8717, 26.5885, 31.2275

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.



12.0596, 15.4856, 26.8377



19.0173, 15.4856, 13.7911



11.0849, 15.4856, 14.2141

Square

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



19.0173, 15.4856, 13.7911



13.6035, 15.4856, 7.9121



11.1220, 15.4856, 20.3561



15.8931, 15.4856, 30.8374

Rectangle

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



19.0173, 15.4856, 13.7911



16.4353, 15.4856, 8.2372



11.1220, 15.4856, 20.3561



13.1258, 15.4856, 30.0500

Sweetspot

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



19.0177, 15.4864, 13.7914



46.0382, 45.5062, 47.7667



21.3190, 16.2876, 31.2982



10.3117, 10.1161, 10.5669



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.



19.0177, 15.4864, 13.7914



31.3550, 23.7612, 19.3770



21.1213, 20.0641, 13.3503



6.2297, 6.2310, 6.5897



10.9256, 5.6245, 0.8671



0.1684, 0.0861, 0.0398

Inverse Universe

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



19.0177, 15.4864, 13.7914



31.3550, 23.7612, 19.3770



17.9479, 20.1053, 32.2128



6.2297, 6.2310, 6.5897



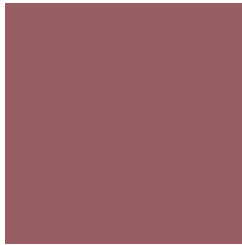
10.9256, 5.6245, 0.8671



0.1684, 0.0861, 0.0398

Previews

White Background



This preview shows how the XYZ color 19.0173, 15.4856, 13.7911 looks on a white background.

Color Contrast Check

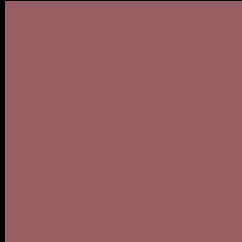
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0173, 15.4856, 13.7911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

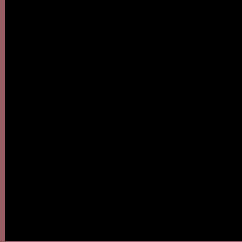
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0173, 15.4856, 13.7911

Background



This preview shows how black text looks on a background with the XYZ color 19.0173, 15.4856, 13.7911.



This preview shows how white text looks on a background with the XYZ color 19.0173, 15.4856,

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

19.0173, 15.4856, 13.7911

Protanopia

15.0398, 15.7241, 16.1523

Deuteranopia

15.7691, 15.5311, 13.4759



Tritanopia

19.1142, 15.5243, 14.3010

Trichromacy



Original Color

19.0173, 15.4856, 13.7911

Protanomaly

16.2014, 15.4121, 15.2176

Deuteranomaly

16.7875, 15.4529, 13.6532

Tritanomaly

19.0655, 15.5048, 14.0445

Monochromacy



Original Color

19.0173, 15.4856, 13.7911

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3096, 15.6003, 16.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0173, 15.4856, 13.7911 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, 94, 99)` looks like.

```
.text, #text, p{  
    color:rgb(151, 94, 99)  
}
```

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, 94, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 94, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.0173, 15.4856, 13.7911 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, 94, 99) }
```


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

```
.border{ border-color:rgb(151, 94, 99) }
```

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

Here you see how a box with a 4 pixel rgb(151, 94, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 94, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 94, 99);  
box-shadow:4px 4px 4px 4px rgb(151, 94,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0173, 15.4856, 13.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 94, 99) }
```

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

```
.background{ background-color: rgb(151, 94,  
99) }
```

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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