

Converting Colors

XYZ(18.0086, 14.8288, 10.7495)

Have a look what the booklet for
XYZ(18.0086, 14.8288, 10.7495)
contains.

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Color

**XYZ(17.9013, 14.7157,
10.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	955C56
RGB	149, 92, 86
RGB Percent	58%, 36%, 34%
CMY	0.4157, 0.6392, 0.6627
CMYK	0.00, 0.38, 0.42, 0.42
HSL	6°, 27%, 46%
HSV	6°, 42%, 58%
XYZ	17.9013, 14.7157, 10.7010
YIQ	108.3590, 35.8980, 10.2180

Conversions

Conversions Part 2

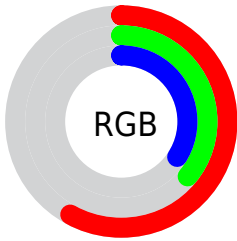
Format	Color
R_{YB}	149, 93, 86
Decimal	9788502
CIE _{Lab}	45.24, 22.63, 13.29
CIE _{LCh}	45, 26.246, 30.431
Yxy	14.7157, 0.4133, 0.3397
Android (android.graphics.Color)	4287978582 (0xFF955C56)
YUV	108.3590, -11.0230, 35.6422
Hunter-Lab	38.3610, 16.1657, 10.3135

Details

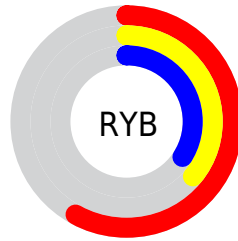
The XYZ color **17.9013, 14.7157, 10.7010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0847, 23.7924, 32.0204**, and the grayscale version is **14.3780, 15.1268, 16.4731**.

A 20% lighter version of the original color is **39.4432, 34.4016, 27.8538**, and **6.1625, 4.5237, 2.6462** is the 20% darker color. If you saturate the color by 10%, you get **16.2968, 12.3693, 7.5068**, and if you desaturate by 10%, it is **19.8396, 17.5293, 14.6243**.

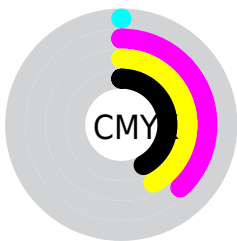
Distribution



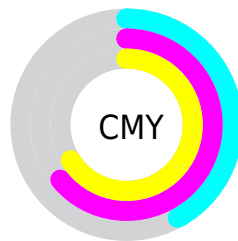
- Red (58%)
- Green (36%)
- Blue (34%)



- Red (58%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9013, 14.7157, 10.7010 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 17.9013, 14.7157, 10.7010 by changing the saturation by 10% instead.

■ 17.9013, 14.7157,
10.7010

■ 17.9013, 14.7157,
10.7010

233.3705,
221.6389, 206.2678

■ 10.9784, 8.6201,
5.7545

■ 39.4005, 34.3537,
27.7341

■ 6.1195, 4.4942,
2.6300

■ 54.7075, 48.6648,
40.6578

■ 2.9592, 1.9537,
0.9079

■ 73.5399, 66.4833,
57.0776

■ 1.1322, 0.5804,
0.0000

■ 96.2630, 88.1934,
77.4121

■ 0.0518, 0.0000,
0.0000

■ 123.2423,
114.1797, 102.0798

■ 0.0000, 0.0000,
0.0000

154.8431,

144.8264, 131.4993

191.4307,
180.5180, 166.0892

■ 17.9013, 14.7157,
10.7010

■ 17.9013, 14.7157,
10.7010

■ 16.2968, 12.3693,
7.5068

■ 19.8396, 17.5293,
14.6243

■ 15.0060, 10.4626,
4.9958

■ 22.1278, 20.8310,
19.3168

■ 14.0085, 8.9689,
3.1183

■ 24.7826, 24.6435,
24.8170

■ 13.2812, 7.8575,
1.8176

■ 27.8190, 28.9871,
31.1604

■ 12.7970, 7.0933,
1.0267

■ 31.2514, 33.8810,
38.3804

■ 12.5542, 6.7090,
0.6333

■ 35.0933, 39.3436,
46.5086

■ 39.3576, 45.3924,
55.5750

■ 44.0567, 52.0441,
65.6083

■ 49.2024, 59.3148,
76.6359

Harmonies

Analogous

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



18.5873, 14.7157, 15.9332



17.9013, 14.7157, 10.7010



16.1483, 14.7157, 7.7155

Triad

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



17.9013, 14.7157, 10.7010



10.6629, 14.7157, 10.8204



14.0182, 14.7157, 31.1867

Complementary

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



17.9013, 14.7157, 10.7010



19.0847, 23.7924, 32.0204

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.



12.0274, 14.7157, 28.8237



17.9013, 14.7157, 10.7010



10.2160, 14.7157, 16.1130

Square

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



17.9013, 14.7157, 10.7010



11.9783, 14.7157, 7.7709



10.6891, 14.7157, 22.8686



16.2082, 14.7157, 28.6910

Rectangle

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



17.9013, 14.7157, 10.7010



14.6919, 14.7157, 6.8928



10.6891, 14.7157, 22.8686



13.3047, 14.7157, 30.9288

Sweetspot

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



17.9017, 14.7164, 10.7013



43.8855, 43.4210, 43.4106



20.7373, 15.0513, 28.0978



9.5028, 9.3031, 9.1575



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.



17.9017, 14.7164, 10.7013



29.2493, 22.2457, 13.5697



21.1262, 21.1655, 11.7761



5.8426, 5.8990, 6.0712



10.5771, 5.6687, 0.5367



0.1382, 0.0869, 0.0095

Inverse Universe

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



19.0847, 23.7924, 32.0204



31.6505, 40.7568, 57.1199



15.0845, 15.7921, 30.6870



5.9174, 6.4688, 7.4065



11.8462, 16.3871, 26.4697



0.1560, 0.2227, 0.3277

Previews

White Background



This preview shows how the XYZ color 17.9013, 14.7157, 10.7010 looks on a white background.

Color Contrast Check

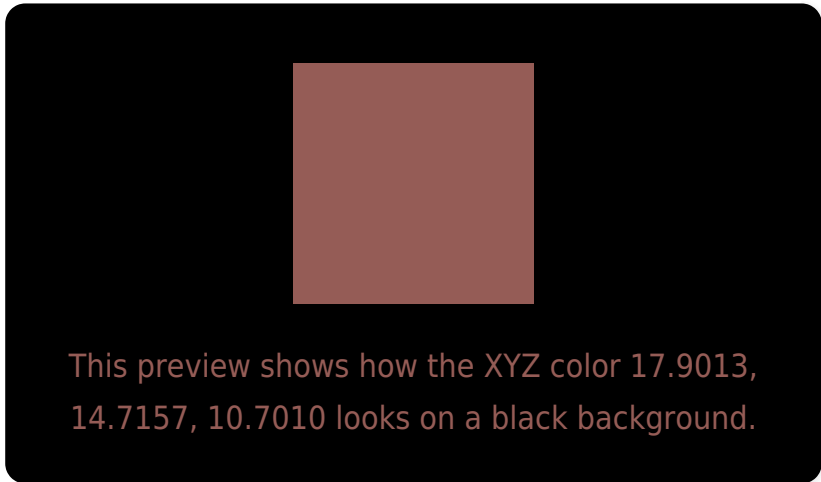
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9013, 14.7157, 10.7010

Background



This preview shows how black text looks on a background with the XYZ color 17.9013, 14.7157, 10.7010.



This preview shows how white text looks on a background with the XYZ color 17.9013, 14.7157,

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

17.9013, 14.7157, 10.7010

Protanopia

14.0435, 14.8164, 12.4756

Deuteranopia

15.0547, 14.7762, 10.4461



Tritanopia

18.3915, 14.6594, 13.1695

Trichromacy



Original Color

17.9013, 14.7157, 10.7010

Protanomaly

15.2010, 14.6765, 11.7045

Deuteranomaly

15.9330, 14.6479, 10.5819

Tritanomaly

18.2945, 14.7565, 12.2400

Monochromacy



Original Color

17.9013, 14.7157, 10.7010

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2200, 14.6338, 14.0790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9013, 14.7157, 10.7010 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(149, 92, 86)` looks like.

```
.text, #text, p{  
    color:rgb(149, 92, 86)  
}
```

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(149, 92, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 92, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.9013, 14.7157, 10.7010 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(149, 92, 86) }
```


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

```
.border{ border-color:rgb(149, 92, 86) }
```

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

Here you see how a box with a 4 pixel rgb(149, 92, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 92, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 92, 86);  
box-shadow:4px 4px 4px 4px rgb(149, 92,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9013, 14.7157, 10.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 92, 86) }
```

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

```
.background{ background-color: rgb(149, 92,  
86) }
```

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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