

# Converting Colors

XYZ(18.0469, 14.9298, 11.4072)

Have a look what the booklet for  
XYZ(18.0469, 14.9298, 11.4072)  
contains.

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# Color

**XYZ(18.1119, 14.9395,  
11.3802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955D59
RGB	149, 93, 89
RGB Percent	58%, 36%, 35%
CMY	0.4157, 0.6353, 0.6510
CMYK	0.00, 0.38, 0.40, 0.42
HSL	4°, 25%, 47%
HSV	4°, 40%, 58%
XYZ	18.1119, 14.9395, 11.3802
YIQ	109.2880, 34.6600, 10.6280

# Conversions

## Conversions Part 2

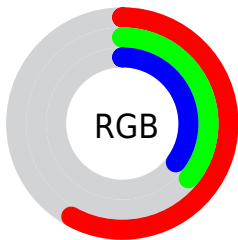
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 93, 89
Decimal	9788761
CIE Lab	45.55, 22.42, 11.91
CIE LCh	46, 25.388, 27.987
Yxy	14.9395, 0.4076, 0.3362
Android (android.graphics.Color)	4287978841 (0xFF955D59)
YUV	109.2880, -10.0020, 34.8274
Hunter-Lab	38.6516, 16.0035, 9.5994

# Details

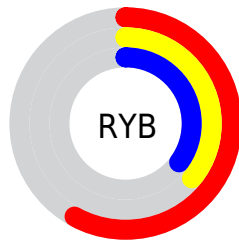
The XYZ color **18.1119, 14.9395, 11.3802** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6695, 24.5435, 32.1343**, and the grayscale version is **14.6386, 15.4010, 16.7716**.

A 20% lighter version of the original color is **39.8103, 34.7897, 29.0430**, and **6.2555, 4.6226, 2.9454** is the 20% darker color. If you saturate the color by 10%, you get **16.4369, 12.4915, 8.0412**, and if you desaturate by 10%, it is **20.1363, 17.8836, 15.4609**.

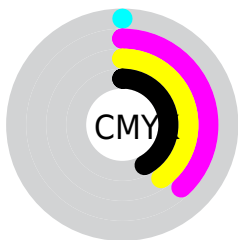
# Distribution



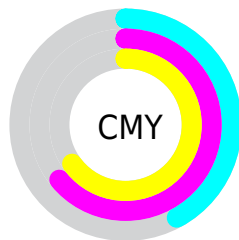
- Red (58%)
- Green (36%)
- Blue (35%)



- Red (58%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1119, 14.9395, 11.3802 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 18.1119, 14.9395, 11.3802 by changing the saturation by 10% instead.



■ 18.1119, 14.9395,  
11.3802

■ 18.1119, 14.9395,  
11.3802

234.5344,  
222.9997, 211.0879

■ 11.1305, 8.7769,  
6.2058

■ 39.7565, 34.7470,  
29.0084

■ 6.2226, 4.5960,  
2.8998

■ 55.1504, 49.1607,  
42.2993

■ 3.0229, 2.0122,  
1.0437

■ 74.0793, 67.0937,  
59.1328

■ 1.1659, 0.6146,  
0.0000

■ 96.9084, 88.9301,  
79.9274

■ 0.0792, 0.0000,  
0.0000

■ 124.0031,  
115.0546, 105.1017

■ 0.0000, 0.0000,  
0.0000

155.7287,

145.8514, 135.0742

192.4507,  
181.7050, 170.2634

■ 18.1119, 14.9395,  
11.3802

■ 18.1119, 14.9395,  
11.3802

■ 16.4369, 12.4915,  
8.0412

■ 20.1363, 17.8836,  
15.4609

■ 15.0904, 10.5101,  
5.3983

■ 22.5272, 21.3466,  
20.3231

■ 14.0511, 8.9664,  
3.4028


■ 25.3018, 25.3527,  
26.0050


■ 13.2946, 7.8272,  
1.9987


■ 28.4759, 29.9239,  
32.5419

■ 12.7930, 7.0545,  
1.1209


■ 32.0646, 35.0807,  
39.9672

 12.5023, 6.6054,  
0.6160

 36.0821, 40.8431,  
48.3124

 40.5418, 47.2296,  
57.6075

 45.4567, 54.2584,  
67.8810

 50.8392, 61.9466,  
79.1605

# Harmonies

## Analogous

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



18.6754, 14.9395, 16.6801



18.1119, 14.9395, 11.3802



16.4719, 14.9395, 8.2399

# Triad

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



18.1119, 14.9395, 11.3802



11.0160, 14.9395, 10.8295



14.0568, 14.9395, 30.9453

# Complementary

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



18.1119, 14.9395, 11.3802



19.6695, 24.5435, 32.1343

# 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.



12.1464, 14.9395, 28.3093



18.1119, 14.9395, 11.3802



10.5029, 14.9395, 15.8599

# Square

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



18.1119, 14.9395, 11.3802



12.3713, 14.9395, 7.9820



10.8955, 14.9395, 22.3830



16.1996, 14.9395, 28.9068



# Rectangle

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



18.1119, 14.9395, 11.3802



15.0650, 14.9395, 7.3114



10.8955, 14.9395, 22.3830



13.3679, 14.9395, 30.5654

# Sweetspot

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



18.1123, 14.9402, 11.3805



44.2749, 43.9073, 44.4420



21.0776, 15.5787, 28.6841



9.6823, 9.5434, 9.5831



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.



18.1123, 14.9402, 11.3805



29.7907, 22.8899, 15.1025



21.2806, 21.2768, 12.4366



5.8300, 5.8739, 6.0670



10.5314, 5.5772, 0.5214



0.1351, 0.0806, 0.0084



# Inverse Universe

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



19.6695, 24.5435, 32.1343



32.9533, 42.4327, 57.3748



15.6755, 16.5553, 30.8030



5.9313, 6.4967, 7.4111



12.3519, 17.3986, 26.6383

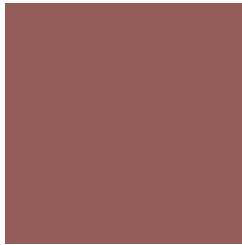


0.1592, 0.2290, 0.3287



# Previews

## White Background



This preview shows how the XYZ color 18.1119, 14.9395, 11.3802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

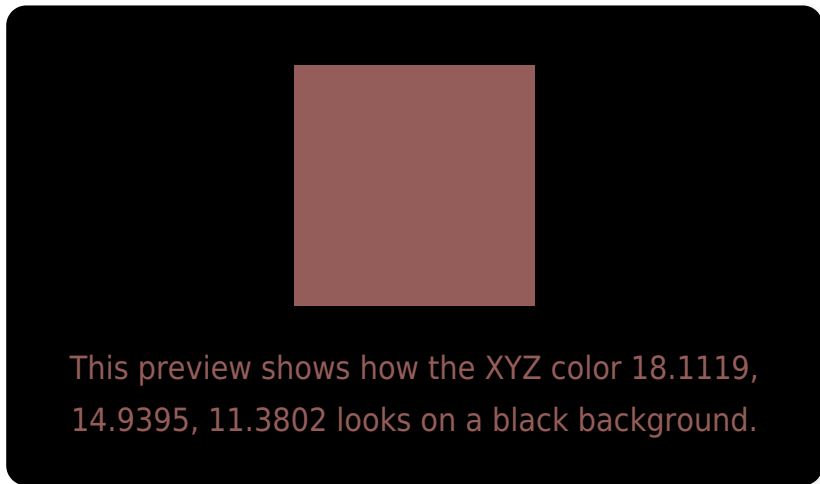
Any Text WCAG AA ✓ Pass

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 18.1119, 14.9395, 11.3802

## Background



This preview shows how black text looks on a background with the XYZ color 18.1119, 14.9395, 11.3802.



This preview shows how white text looks on a background with the XYZ color 18.1119, 14.9395,



# 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

18.1119, 14.9395, 11.3802

### Protanopia

14.2839, 15.0804, 13.2243

### Deuteranopia

15.2748, 15.0244, 11.1117



## Tritanopia

18.6094, 15.0202, 13.4736

# Trichromacy



## Original Color

18.1119, 14.9395, 11.3802

## Protanomaly

15.4302, 14.9264, 12.4238

## Deuteranomaly

16.1501, 14.8873, 11.2548

## Tritanomaly

18.4704, 14.9645, 12.7414

# Monochromacy



## Original Color

18.1119, 14.9395, 11.3802

## Achromatopsia

14.5356, 15.2926, 16.6537

## Achromatomaly

15.5607, 14.9449, 14.6349

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 18.1119, 14.9395, 11.3802 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, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(149, 93, 89)  
}
```

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, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 93, 89) }
```

## Border

The CSS property to change the border of an element to XYZ 18.1119, 14.9395, 11.3802 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, 93, 89) }
```



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

```
.border{ border-color:rgb(149, 93, 89) }
```

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

Here you see how a box with a 4 pixel rgb(149, 93, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(149, 93,  
89) }
```

# Background

The CSS property to change the background color of an element to XYZ 18.1119, 14.9395, 11.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 93, 89) }
```

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

```
.background{ background-color: rgb(149, 93,  
89) }
```

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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