

Converting Colors

XYZ(11.9544, 10.7017, 9.0250)

Have a look what the booklet for
XYZ(11.9544, 10.7017, 9.0250)
contains.

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Color

**XYZ(11.9544, 10.7017,
9.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	755450
RGB	117, 84, 80
RGB Percent	46%, 33%, 31%
CMY	0.5412, 0.6706, 0.6863
CMYK	0.00, 0.28, 0.32, 0.54
HSL	6°, 19%, 39%
HSV	6°, 32%, 46%
XYZ	11.9544, 10.7017, 9.0250
YIQ	93.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

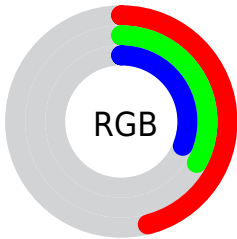
Format	Color
R_{YB}	117, 84, 80
Decimal	7689296
CIE _{Lab}	39.07, 13.13, 7.75
CIE _{LCh}	39, 15.247, 30.561
Yxy	10.7017, 0.3773, 0.3378
Android (android.graphics.Color)	4285879376 (0xFF755450)
YUV	93.4110, -6.6116, 20.6876
Hunter-Lab	32.7135, 7.9803, 6.5425

Details

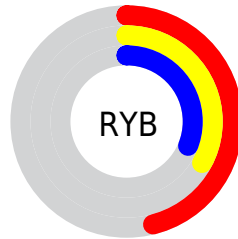
The XYZ color **11.9544, 10.7017, 9.0250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.4242, 14.7997, 19.0315**, and the grayscale version is **10.5124, 11.0599, 12.0442**.

A 20% lighter version of the original color is **29.0651, 27.1812, 24.4835**, and **3.3587, 2.7717, 2.0270** is the 20% darker color. If you saturate the color by 10%, you get **10.8088, 9.0431, 6.6929**, and if you desaturate by 10%, it is **13.2966, 12.6328, 11.7943**.

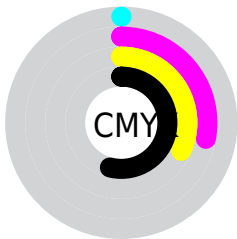
Distribution



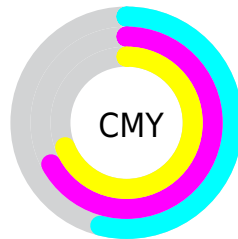
- Red (46%)
- Green (33%)
- Blue (31%)



- Red (46%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9544, 10.7017, 9.0250 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 11.9544, 10.7017, 9.0250 by changing the saturation by 10% instead.

■ 11.9544, 10.7017,
9.0250

■ 11.9544, 10.7017,
9.0250

197.8793,
195.6094, 193.7892

■ 6.7846, 5.8666,
4.6605

■ 29.0296, 27.1072,
24.5232

■ 3.3729, 2.7641,
1.9942

■ 41.6657, 39.4465,
36.4939

■ 1.3539, 1.0099,
0.5517

■ 57.5214, 55.0559,
51.8371

■ 0.2230, 0.0000,
0.0000

■ 76.9618, 74.3199,
70.9714

■ 0.0000, 0.0000,
0.0000

■ 100.3525, 97.6228,
94.3151

128.0587,

125.3491, 122.2870

160.4458,
157.8832, 155.3055

■ 11.9544, 10.7017,
9.0250

■ 11.9544, 10.7017,
9.0250

■ 10.8088, 9.0431,
6.6929

■ 13.2966, 12.6328,
11.7943

■ 9.8497, 7.6432,
4.7750

■ 14.8430, 14.8463,
15.0210

■ 9.0673, 6.4895,
3.2473


■ 16.6022, 17.3535,
18.7246


■ 8.4509, 5.5676,
2.0829


■ 18.5817, 20.1645,
22.9235


■ 7.9881, 4.8619,
1.2515


■ 20.7888, 23.2892,
27.6349


 7.6653, 4.3544,
0.7179

 23.2305, 26.7367,
32.8754

 7.4757, 4.0610,
0.3898

 25.9134, 30.5159,
38.6606

 28.8439, 34.6355,
45.0058

 32.0280, 39.1037,
51.9254

Harmonies

Analogous

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



12.2601, 10.7017, 11.5975



11.9544, 10.7017, 9.0250



11.1657, 10.7017, 7.4157

Triad

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



11.9544, 10.7017, 9.0250



8.5585, 10.7017, 9.1055



10.1908, 10.7017, 18.2147

Complementary

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



11.9544, 10.7017, 9.0250



12.4242, 14.7997, 19.0315

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.



9.2384, 10.7017, 17.2561



11.9544, 10.7017, 9.0250



8.3350, 10.7017, 11.7073

Square

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



11.9544, 10.7017, 9.0250



9.2073, 10.7017, 7.4564



8.5756, 10.7017, 14.7457



11.2011, 10.7017, 17.1849

Rectangle

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



11.9544, 10.7017, 9.0250



10.4965, 10.7017, 6.9460



8.5756, 10.7017, 14.7457



9.8536, 10.7017, 18.1129

Sweetspot

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



11.9547, 10.7022, 9.0252



27.2975, 27.6102, 28.4049



13.2024, 10.7184, 17.0846



6.1942, 6.2311, 6.3587



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.9547, 10.7022, 9.0252



19.8642, 16.9323, 13.0144



13.5552, 13.9033, 9.5587



3.7129, 3.7588, 3.8721



8.2298, 4.4608, 0.4273



39.7811, 21.0908, 1.9742

Inverse Universe

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



12.4242, 14.7997, 19.0315



20.8434, 25.5031, 33.9610



10.5935, 11.1384, 18.4213



3.7511, 4.0909, 4.6822



9.0235, 12.3867, 20.4578



43.5925, 59.6015, 99.5670

Previews

White Background



This preview shows how the XYZ color 11.9544, 10.7017, 9.0250 looks on a white background.

Color Contrast Check

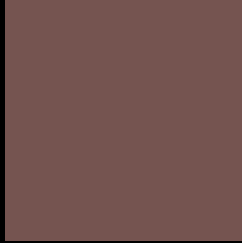
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9544, 10.7017, 9.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

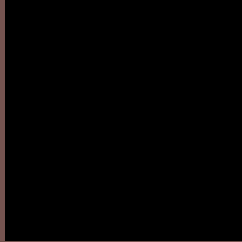
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9544, 10.7017, 9.0250

Background



This preview shows how black text looks on a background with the XYZ color 11.9544, 10.7017, 9.0250.



This preview shows how white text looks on a background with the XYZ color 11.9544, 10.7017,

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

11.9544, 10.7017, 9.0250

Protanopia

10.2512, 10.7812, 9.9282

Deuteranopia

10.9275, 10.7734, 8.9007



Tritanopia

12.3676, 10.7593, 10.8761

Trichromacy



Original Color

11.9544, 10.7017, 9.0250

Protanomaly

10.8426, 10.7123, 9.6798

Deuteranomaly

11.2499, 10.6959, 8.8687

Tritanomaly

12.2442, 10.7100, 10.2260

Monochromacy



Original Color

11.9544, 10.7017, 9.0250

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.8971, 10.8417, 10.7508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9544, 10.7017, 9.0250 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(117, 84, 80)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 80)  
}
```

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(117, 84, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 80) }
```

Border

The CSS property to change the border of an element to XYZ 11.9544, 10.7017, 9.0250 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(117, 84, 80) }
```


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

```
.border{ border-color:rgb(117, 84, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 84, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 84, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 84, 80);  
box-shadow:4px 4px 4px 4px rgb(117, 84,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9544, 10.7017, 9.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 84, 80) }
```

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

```
.background{ background-color: rgb(117, 84,  
80) }
```

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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