

Converting Colors

XYZ(11.7289, 10.0967, 7.8308)

Have a look what the booklet for
XYZ(11.7289, 10.0967, 7.8308)
contains.

XYZ(11.6398, 10.0083, 7.7969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.6398, 10.0083,
7.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	774F4A
RGB	119, 79, 74
RGB Percent	47%, 31%, 29%
CMY	0.5333, 0.6902, 0.7098
CMYK	0.00, 0.34, 0.38, 0.53
HSL	7°, 23%, 38%
HSV	7°, 38%, 47%
XYZ	11.6398, 10.0083, 7.7969
YIQ	90.3900, 25.4450, 6.9250

Conversions

Conversions Part 2

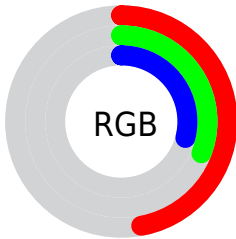
Format	Color
R_{YB}	119, 80, 74
Decimal	7819082
CIE _{Lab}	37.86, 16.15, 9.81
CIE _{LCh}	38, 18.897, 31.258
Yxy	10.0083, 0.3953, 0.3399
Android (android.graphics.Color)	4286009162 (0xFF774F4A)
YUV	90.3900, -8.0803, 25.0910
Hunter-Lab	31.6359, 10.3127, 7.5327




Details

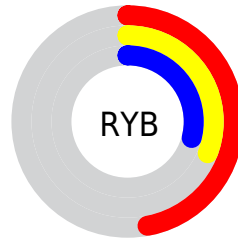
The XYZ color **11.6398, 10.0083, 7.7969** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.1710, 14.8220, 19.6724**, and the grayscale version is **9.8197, 10.3311, 11.2506**.




A 20% lighter version of the original color is **28.5279, 25.7526, 22.2061**, and **3.2606, 2.5030, 1.5396** is the 20% darker color. If you saturate the color by 10%, you get **10.5730, 8.4568, 5.6470**, and if you desaturate by 10%, it is **12.9044, 11.8340, 10.3872**.

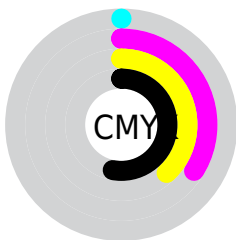
Distribution







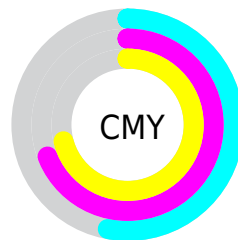
-  Red (47%)
-  Green (31%)
-  Blue (29%)






-  Red (47%)
-  Yellow (31%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (38%)
-  Black (53%)



-  Cyan (53%)
-  Magenta (69%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6398, 10.0083, 7.7969 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 11.6398, 10.0083, 7.7969 by changing the saturation by 10% instead.

■ 11.6398, 10.0083,
7.7969

■ 11.6398, 10.0083,
7.7969

195.8249,
190.7313, 184.0049

■ 6.5694, 5.4045,
3.8794

■ 28.4599, 25.8111,
22.0989

■ 3.2382, 2.4865,
1.5594

■ 40.9403, 37.7789,
33.3204

■ 1.2809, 0.8699,
0.2616

■ 56.6214, 52.9701,
47.8136

■ 0.1689, 0.0000,
0.0000

■ 75.8686, 71.7691,
65.9972

■ 0.0000, 0.0000,
0.0000

■ 99.0472, 94.5603,
88.2895

126.5225,

121.7282, 115.1093

158.6599,
153.6570, 146.8749

■ 11.6398, 10.0083,
7.7969

■ 11.6398, 10.0083,
7.7969

■ 10.5730, 8.4568,
5.6470

■ 12.9044, 11.8340,
10.3872

■ 9.6933, 7.1649,
3.9124

■ 14.3753, 13.9446,
13.4400

■ 8.9899, 6.1186,
2.5665


■ 16.0615, 16.3523,
16.9764


■ 8.4509, 5.3025,
1.5790


■ 17.9713, 19.0679,
21.0163


■ 8.0625, 4.6990,
0.9156


■ 20.1124, 22.1018,
25.5783


 7.8006, 4.2848,
0.4906

 22.4922, 25.4638,
30.6800

 7.7547, 4.2157,
0.4050

 25.1177, 29.1633,
36.3385

 27.9958, 33.2095,
42.5697

 31.1330, 37.6110,
49.3893

Harmonies

Analogous

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



12.0292, 10.0083, 10.7520



11.6398, 10.0083, 7.7969



10.6740, 10.0083, 6.0430

Triad

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



11.6398, 10.0083, 7.7969



7.6177, 10.0083, 8.0010



9.5637, 10.0083, 18.9937

Complementary

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



11.6398, 10.0083, 7.7969



12.1710, 14.8220, 19.6724

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.



8.4387, 10.0083, 17.8333



11.6398, 10.0083, 7.7969



7.3740, 10.0083, 11.0440

Square

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



11.6398, 10.0083, 7.7969



8.3574, 10.0083, 6.1421



7.6617, 10.0083, 14.7268



10.7696, 10.0083, 17.6313

Rectangle

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



11.6398, 10.0083, 7.7969



9.8701, 10.0083, 5.5556



7.6617, 10.0083, 14.7268



9.1639, 10.0083, 18.8843

Sweetspot

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



11.6401, 10.0088, 7.7971



27.6708, 27.7270, 28.1054



13.1225, 10.0460, 17.3168



6.4807, 6.4611, 6.4990



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.6401, 10.0088, 7.7971



19.2288, 15.5752, 10.7027



13.4976, 13.7239, 8.4163



3.7137, 3.7604, 3.8724



8.2346, 4.4704, 0.4289



39.7985, 21.1256, 1.9800

Inverse Universe

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



12.1710, 14.8220, 19.6724



20.3131, 25.4498, 35.0948



9.9811, 10.4422, 18.9424



3.7502, 4.0891, 4.6819



8.9844, 12.3085, 20.4448



43.3931, 59.2028, 99.5005

Previews

White Background



This preview shows how the XYZ color 11.6398, 10.0083, 7.7969 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 ✓ Pass

Black Background



This preview shows how the XYZ color 11.6398, 10.0083, 7.7969 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 11.6398, 10.0083, 7.7969

Background



This preview shows how black text looks on a background with the XYZ color 11.6398, 10.0083, 7.7969.



This preview shows how white text looks on a background with the XYZ color 11.6398, 10.0083,

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

11.6398, 10.0083, 7.7969

Protanopia

9.4979, 10.0364, 8.8338

Deuteranopia

10.2393, 10.0797, 7.7092



Tritanopia

12.0315, 10.0664, 9.4925

Trichromacy



Original Color

11.6398, 10.0083, 7.7969

Protanomaly

10.0675, 9.8576, 8.3933

Deuteranomaly

10.6025, 9.9188, 7.6590

Tritanomaly

11.9181, 10.0210, 8.8955

Monochromacy



Original Color

11.6398, 10.0083, 7.7969

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.2949, 10.0624, 9.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6398, 10.0083, 7.7969 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(119, 79, 74)` looks like.

```
.text, #text, p{  
    color:rgb(119, 79, 74)  
}
```

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(119, 79, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 79, 74) }
```

Border

The CSS property to change the border of an element to XYZ 11.6398, 10.0083, 7.7969 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(119, 79, 74) }
```


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

```
.border{ border-color:rgb(119, 79, 74) }
```

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

Here you see how a box with a 4 pixel rgb(119, 79, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 79, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 79, 74);  
box-shadow:4px 4px 4px 4px rgb(119, 79,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6398, 10.0083, 7.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 79, 74) }
```

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

```
.background{ background-color: rgb(119, 79,  
74) }
```

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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