

Converting Colors

XYZ(11.9873, 10.7051, 8.7382)

Have a look what the booklet for
XYZ(11.9873, 10.7051, 8.7382)
contains.

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Color

**XYZ(12.0528, 10.7567,
8.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	76544F
RGB	118, 84, 79
RGB Percent	46%, 33%, 31%
CMY	0.5373, 0.6706, 0.6902
CMYK	0.00, 0.29, 0.33, 0.54
HSL	8°, 20%, 39%
HSV	8°, 33%, 46%
XYZ	12.0528, 10.7567, 8.8381
YIQ	93.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

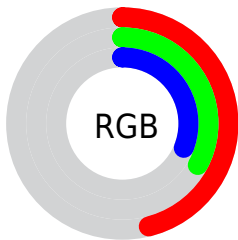
Format	Color
R_{YB}	118, 85, 79
Decimal	7754831
CIE Lab	39.17, 13.41, 8.52
CIE LCh	39, 15.887, 32.435
Yxy	10.7567, 0.3808, 0.3399
Android (android.graphics.Color)	4285944911 (0xFF76544F)
YUV	93.5960, -7.1958, 21.4023
Hunter-Lab	32.7974, 8.2019, 6.9810

Details

The XYZ color **12.0528, 10.7567, 8.8381** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.3993, 14.7800, 19.3388**, and the grayscale version is **10.5571, 11.1069, 12.0954**.

A 20% lighter version of the original color is **29.2160, 27.2666, 24.1452**, and **3.4128, 2.8013, 1.9509** is the 20% darker color. If you saturate the color by 10%, you get **10.9203, 9.1190, 6.5264**, and if you desaturate by 10%, it is **13.3794, 12.6604, 11.5910**.

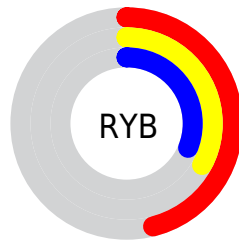
Distribution



Red (46%)

Green (33%)

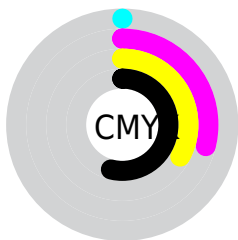
Blue (31%)



Red (46%)

Yellow (33%)

Blue (31%)

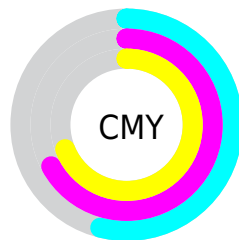


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (54%)



Cyan (54%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0528, 10.7567, 8.8381 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 12.0528, 10.7567, 8.8381 by changing the saturation by 10% instead.

■ 12.0528, 10.7567,
8.8381

■ 12.0528, 10.7567,
8.8381

198.5173,
195.9907, 192.3389

■ 6.8521, 5.9035,
4.5404

■ 29.2073, 27.2094,
24.1585

■ 3.4153, 2.7865,
1.9262

■ 41.8917, 39.5776,
36.0183

■ 1.3770, 1.0213,
0.5093

■ 57.8015, 55.2197,
51.2359

■ 0.2397, 0.0000,
0.0000

■ 77.3019, 74.5199,
70.2297

■ 0.0000, 0.0000,
0.0000

■ 100.7584, 97.8627,
93.4184

128.5362,

125.6325, 121.2204

161.0007,
158.2137, 154.0544

■ 12.0528, 10.7567,
8.8381

■ 12.0528, 10.7567,
8.8381

■ 10.9203, 9.1190,
6.5264

■ 13.3794, 12.6604,
11.5910

■ 9.9719, 7.7341,
4.6322

■ 14.9079, 14.8398,
14.8057

■ 9.1980, 6.5898,
3.1309

■ 16.6464, 17.3057,
18.5023

■ 8.5879, 5.6722,
1.9945

■ 18.6025, 20.0680,
22.6996

■ 8.1295, 4.9661,
1.1919

■ 20.7835, 23.1361,
27.4153

■ 7.8085, 4.4543,
0.6837

■ 23.1962, 26.5191,
32.6661

■ 7.6440, 4.1971,
0.4072

■ 25.8471, 30.2255,
38.4684

■ 28.7426, 34.2637,
44.8373

■ 31.8888, 38.6416,
51.7879

Harmonies

Analogous

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



12.4110, 10.7567, 11.4646



12.0528, 10.7567, 8.8381



11.2018, 10.7567, 7.2419

Triad

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



12.0528, 10.7567, 8.8381



8.5128, 10.7567, 9.2009



10.3112, 10.7567, 18.6086

Complementary

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



12.0528, 10.7567, 8.8381



12.3993, 14.7800, 19.3388

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.



9.3047, 10.7567, 17.7231



12.0528, 10.7567, 8.8381



8.3102, 10.7567, 11.9634

Square

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



12.0528, 10.7567, 8.8381



9.1638, 10.7567, 7.4244



8.5901, 10.7567, 15.1503



11.3629, 10.7567, 17.3965

Rectangle

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



12.0528, 10.7567, 8.8381



10.4961, 10.7567, 6.8046



8.5901, 10.7567, 15.1503



9.9565, 10.7567, 18.5463

Sweetspot

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



12.0531, 10.7572, 8.8383



27.0315, 27.2563, 27.7673



13.2733, 10.6460, 17.1113



6.1405, 6.1608, 6.2262



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.



12.0531, 10.7572, 8.8383



19.5836, 16.5889, 12.2493



13.7378, 14.1266, 9.3999



3.7184, 3.7697, 3.8739



8.2637, 4.5286, 0.4386



39.9065, 21.3416, 2.0160

Inverse Universe

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



12.3993, 14.7800, 19.3388



20.2917, 24.8615, 33.8663



10.4928, 10.9669, 18.7033



3.7452, 4.0790, 4.6802



8.7641, 11.8679, 20.3714



42.2707, 56.9579, 99.1264

Previews

White Background



This preview shows how the XYZ color 12.0528, 10.7567, 8.8381 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 12.0528, 10.7567, 8.8381 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 12.0528, 10.7567, 8.8381

Background



This preview shows how black text looks on a background with the XYZ color 12.0528, 10.7567, 8.8381.

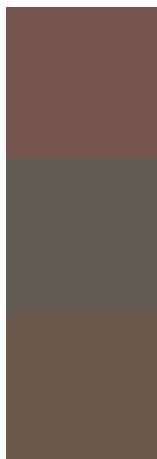


This preview shows how white text looks on a background with the XYZ color 12.0528, 10.7567,

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

12.0528, 10.7567, 8.8381

Protanopia

10.2123, 10.7656, 9.7233

Deuteranopia

11.0109, 10.8206, 8.7160



Tritanopia

12.5042, 10.8297, 10.8825

Trichromacy



Original Color

12.0528, 10.7567, 8.8381

Protanomaly

10.8043, 10.6970, 9.4779

Deuteranomaly

11.3389, 10.7460, 8.6843

Tritanomaly

12.3407, 10.7643, 10.0216

Monochromacy



Original Color

12.0528, 10.7567, 8.8381

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0529, 10.9172, 10.9759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0528, 10.7567, 8.8381 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(118, 84, 79)` looks like.

```
.text, #text, p{  
    color:rgb(118, 84, 79)  
}
```

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(118, 84, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 84, 79) }
```

Border

The CSS property to change the border of an element to XYZ 12.0528, 10.7567, 8.8381 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(118, 84, 79) }
```


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

```
.border{ border-color:rgb(118, 84, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 84, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 84, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 84, 79);  
box-shadow:4px 4px 4px 4px rgb(118, 84,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0528, 10.7567, 8.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 84, 79) }
```

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

```
.background{ background-color: rgb(118, 84,  
79) }
```

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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