

Converting Colors

XYZ(12.8205, 10.6783, 9.9797)

Have a look what the booklet for
XYZ(12.8205, 10.6783, 9.9797)
contains.

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Color

**XYZ(12.8205, 10.6783,
9.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5055
RGB	124, 80, 85
RGB Percent	49%, 31%, 33%
CMY	0.5137, 0.6863, 0.6667
CMYK	0.00, 0.35, 0.31, 0.51
HSL	353°, 22%, 40%
HSV	353°, 35%, 49%
XYZ	12.8205, 10.6783, 9.9797
YIQ	93.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

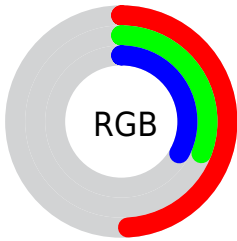
Format	Color
R_{YB}	124, 80, 85
Decimal	8147029
CIE Lab	39.03, 19.21, 4.71
CIE LCh	39, 19.781, 13.777
Yxy	10.6783, 0.3829, 0.3190
Android (android.graphics.Color)	4286337109 (0xFF7C5055)
YUV	93.7260, -4.3019, 26.5503
Hunter-Lab	32.6777, 12.8454, 4.7673

Details

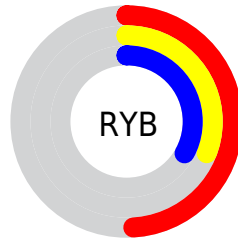
The XYZ color **12.8205, 10.6783, 9.9797** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.8462, 17.4529, 20.0927**, and the grayscale version is **10.5807, 11.1317, 12.1224**.

A 20% lighter version of the original color is **30.7159, 27.1795, 26.5489**, and **3.7027, 2.7137, 2.3361** is the 20% darker color. If you saturate the color by 10%, you get **11.5917, 8.8661, 7.5805**, and if you desaturate by 10%, it is **14.2853, 12.8539, 12.7926**.

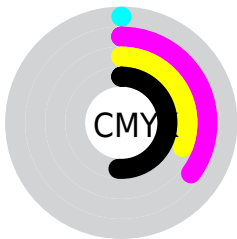
Distribution



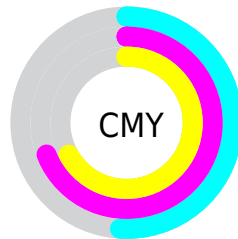
- Red (49%)
- Green (31%)
- Blue (33%)



- Red (49%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.8205, 10.6783, 9.9797 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 12.8205, 10.6783, 9.9797 by changing the saturation by 10% instead.

■ 12.8205, 10.6783,
9.9797

■ 12.8205, 10.6783,
9.9797

203.4250,
195.4470, 201.0067

■ 7.3812, 5.8510,
5.2801

■ 30.5850, 27.0637,
26.3645

■ 3.7501, 2.7547,
2.3509

■ 43.6409, 39.3906,
38.8868

■ 1.5617, 1.0050,
0.7595

■ 59.9664, 54.9861,
54.8537

■ 0.3673, 0.0000,
0.0000

■ 79.9268, 74.2347,
74.6838

■ 0.0000, 0.0000,
0.0000

■ 103.8875, 97.5206,
98.7956

132.2139,

125.2284, 127.6077

165.2713,
157.7424, 161.5385

■ 12.8205, 10.6783,
9.9797

■ 12.8205, 10.6783,
9.9797

■ 11.5917, 8.8661,
7.5805

■ 14.2853, 12.8539,
12.7926

■ 10.5857, 7.3959,
5.5748

■ 15.9967, 15.4095,
16.0367

■ 9.7893, 6.2467,
3.9416


■ 17.9657, 18.3626,
19.7293


■ 9.1875, 5.3945,
2.6579


■ 20.2024, 21.7292,
23.8868


■ 8.7634, 4.8118,
1.6980


■ 22.7163, 25.5244,
28.5244

 8.4909, 4.4539,
1.0305

 25.5164, 29.7625,
33.6569

 8.3920, 4.3170,
0.8094

 28.6113, 34.4571,
39.2984

 32.0095, 39.6215,
45.4622

 35.7187, 45.2680,
52.1615

Harmonies

Analogous

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



12.7878, 10.6783, 13.7790



12.8205, 10.6783, 9.9797



12.0953, 10.6783, 7.2867

Triad

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



12.8205, 10.6783, 9.9797



8.4922, 10.6783, 7.1271



9.4565, 10.6783, 20.0998

Complementary

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



12.8205, 10.6783, 9.9797



13.8462, 17.4529, 20.0927

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.



8.4243, 10.6783, 17.4183



12.8205, 10.6783, 9.9797



7.9015, 10.6783, 9.7114

Square

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



12.8205, 10.6783, 9.9797



9.5567, 10.6783, 5.8979



7.8777, 10.6783, 13.4460



10.7662, 10.6783, 20.2157

Rectangle

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



12.8205, 10.6783, 9.9797



11.3132, 10.6783, 6.2475



7.8777, 10.6783, 13.4460



9.0683, 10.6783, 19.4461

Sweetspot

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



12.8208, 10.6788, 9.9799



29.5565, 29.2231, 30.8650



14.0965, 11.1056, 20.4693



6.8738, 6.7519, 7.1056



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



12.8208, 10.6788, 9.9799



20.6896, 16.0297, 13.9125



14.0228, 13.3895, 9.4355



4.0151, 4.0218, 4.2773



8.5307, 4.3884, 0.8197



40.5258, 20.8667, 3.0329

Inverse Universe

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



12.8208, 10.6788, 9.9799



20.6896, 16.0297, 13.9125



12.2184, 13.7043, 21.0699



4.0151, 4.0218, 4.2773



8.5307, 4.3884, 0.8197



40.5258, 20.8667, 3.0329

Previews

White Background



This preview shows how the XYZ color 12.8205, 10.6783, 9.9797 looks on a white background.

Color Contrast Check

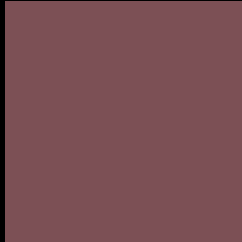
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.8205, 10.6783, 9.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

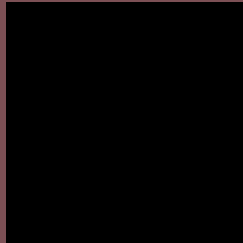
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.8205, 10.6783, 9.9797

Background



This preview shows how black text looks on a background with the XYZ color 12.8205, 10.6783, 9.9797.



This preview shows how white text looks on a background with the XYZ color 12.8205, 10.6783,

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

12.8205, 10.6783, 9.9797

Protanopia

10.3750, 10.8067, 11.6643

Deuteranopia

10.8426, 10.7123, 9.6798



Tritanopia

12.8606, 10.6943, 10.1905

Trichromacy



Original Color

12.8205, 10.6783, 9.9797

Protanomaly

11.1186, 10.7040, 10.9313

Deuteranomaly

11.4836, 10.6752, 9.8428

Tritanomaly

12.8606, 10.6943, 10.1905

Monochromacy



Original Color

12.8205, 10.6783, 9.9797

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.2864, 10.9033, 11.4072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.8205, 10.6783, 9.9797 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(124, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(124, 80, 85)  
}
```

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(124, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 80, 85) }
```

Border

The CSS property to change the border of an element to XYZ 12.8205, 10.6783, 9.9797 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(124, 80, 85) }
```


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

```
.border{ border-color:rgb(124, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(124, 80,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 12.8205, 10.6783, 9.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 80, 85) }
```

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

```
.background{ background-color: rgb(124, 80,  
85) }
```

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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