

Converting Colors

XYZ(12.7743, 10.4369, 8.8051)

Have a look what the booklet for
XYZ(12.7743, 10.4369, 8.8051)
contains.

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Color

**XYZ(12.7399, 10.4489,
8.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4E4F
RGB	126, 78, 79
RGB Percent	49%, 31%, 31%
CMY	0.5059, 0.6941, 0.6902
CMYK	0.00, 0.38, 0.37, 0.51
HSL	359°, 24%, 40%
HSV	359°, 38%, 49%
XYZ	12.7399, 10.4489, 8.7425
YIQ	92.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

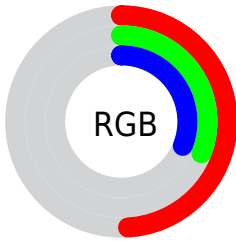
Format	Color
R_{YB}	126, 78, 79
Decimal	8277583
CIE Lab	38.64, 20.38, 7.92
CIE LCh	39, 21.868, 21.229
Yxy	10.4489, 0.3990, 0.3272
Android (android.graphics.Color)	4286467663 (0xFF7E4E4F)
YUV	92.4660, -6.6387, 29.4093
Hunter-Lab	32.3248, 13.7825, 6.5919

Details

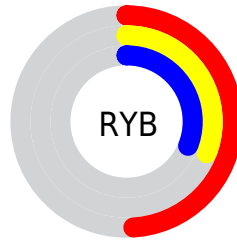
The XYZ color **12.7399, 10.4489, 8.7425** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3049, 18.0224, 22.1278**, and the grayscale version is **10.2909, 10.8268, 11.7904**.

A 20% lighter version of the original color is **30.4378, 26.7002, 23.9715**, and **3.7215, 2.6502, 1.9055** is the 20% darker color. If you saturate the color by 10%, you get **11.5208, 8.6639, 6.3223**, and if you desaturate by 10%, it is **14.2145, 12.6114, 11.6594**.

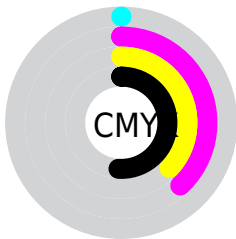
Distribution



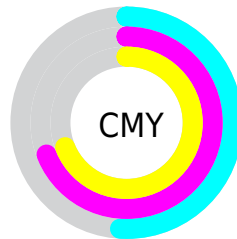
- Red (49%)
- Green (31%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.7399, 10.4489, 8.7425 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 12.7399, 10.4489, 8.7425 by changing the saturation by 10% instead.

12.7399, 10.4489,
8.7425

12.7399, 10.4489,
8.7425

202.9154,
193.8466, 191.5920

7.3254, 5.6976,
4.4791

30.4410, 26.6365,
23.9714

3.7146, 2.6621,
1.8917

43.4584, 38.8415,
35.7741

1.5420, 0.9580,
0.4874

59.7408, 54.3000,
50.9269

0.3541, 0.0000,
0.0000

79.6535, 73.3962,
69.8483

0.0000, 0.0000,
0.0000

103.5620, 96.5146,
92.9570

131.8316,

124.0395, 120.6715

164.8276,
156.3554, 153.4103

■ 12.7399, 10.4489,
8.7425

■ 12.7399, 10.4489,
8.7425

■ 11.5208, 8.6639,
6.3223

■ 14.2145, 12.6114,
11.6594

■ 10.5419, 7.2333,
4.3706

■ 15.9571, 15.1696,
15.0978

■ 9.7876, 6.1340,
2.8573

■ 17.9803, 18.1425,
19.0818

■ 9.2400, 5.3394,
1.7484

■ 20.2957, 21.5473,
23.6336

■ 8.8787, 4.8188,
1.0053

■ 22.9144, 25.4003,
28.7742

■ 8.6576, 4.4987,
0.5548

■ 25.8468, 29.7171,
34.5236

■ 8.6186, 4.4414,
0.4782

■ 29.1026, 34.5122,
40.9009

■ 32.6914, 39.7997,
47.9241

■ 36.6223, 45.5932,
55.6109

Harmonies

Analogous

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



12.9242, 10.4489, 12.6286



12.7399, 10.4489, 8.7425



11.7666, 10.4489, 6.2502

Triad

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



12.7399, 10.4489, 8.7425



7.9268, 10.4489, 7.1017



9.5154, 10.4489, 21.1418

Complementary

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



12.7399, 10.4489, 8.7425



14.3049, 18.0224, 22.1278

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.



8.2977, 10.4489, 18.7401



12.7399, 10.4489, 8.7425



7.4404, 10.4489, 10.2111

Square

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



12.7399, 10.4489, 8.7425



8.9629, 10.4489, 5.4743



7.5693, 10.4489, 14.4940



10.9672, 10.4489, 20.4763

Rectangle

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



12.7399, 10.4489, 8.7425



10.8485, 10.4489, 5.4032



7.5693, 10.4489, 14.4940



9.0674, 10.4489, 20.6487

Sweetspot

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



12.7402, 10.4494, 8.7427



30.4675, 30.1979, 31.2628



14.8607, 11.2706, 21.1310



6.8419, 6.7391, 6.9372



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.



12.7402, 10.4494, 8.7427



20.4777, 15.5410, 11.5238



14.5753, 14.1774, 9.1766



4.3311, 4.3456, 4.5481



8.8416, 4.5563, 0.4895



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.7402, 10.4494, 8.7427



20.4777, 15.5410, 11.5238



11.8184, 12.9468, 21.6149



4.3311, 4.3456, 4.5481



8.8416, 4.5563, 0.4895



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.7399, 10.4489, 8.7425 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 12.7399, 10.4489, 8.7425 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 12.7399, 10.4489, 8.7425

Background



This preview shows how black text looks on a background with the XYZ color 12.7399, 10.4489, 8.7425.



This preview shows how white text looks on a background with the XYZ color 12.7399, 10.4489,

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

12.7399, 10.4489, 8.7425

Protanopia

10.0369, 10.5337, 10.3083

Deuteranopia

10.6550, 10.5185, 8.4899



Tritanopia

12.8194, 10.3679, 9.5092

Trichromacy



Original Color

12.7399, 10.4489, 8.7425

Protanomaly

10.8330, 10.3443, 9.6093

Deuteranomaly

11.3555, 10.4014, 8.6169

Tritanomaly

12.7811, 10.3526, 9.3073

Monochromacy



Original Color

12.7399, 10.4489, 8.7425

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.8374, 10.4476, 10.4622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.7399, 10.4489, 8.7425 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(126, 78, 79) looks like.

```
.text, #text, p{  
  color:rgb(126, 78, 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(126, 78, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 78, 79) }
```

Border

The CSS property to change the border of an element to XYZ 12.7399, 10.4489, 8.7425 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(126, 78, 79) }
```


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

```
.border{ border-color:rgb(126, 78, 79) }
```

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

Here you see how a box with a 4 pixel rgb(126, 78, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 78, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 78, 79);  
box-shadow:4px 4px 4px 4px rgb(126, 78,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 12.7399, 10.4489, 8.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 78, 79) }
```

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

```
.background{ background-color: rgb(126, 78,  
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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