

Converting Colors

XYZ(13.9235, 13.3647, 9.1999)

Have a look what the booklet for
XYZ(13.9235, 13.3647, 9.1999)
contains.

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Color

**XYZ(13.9982, 13.3990,
9.2456)**

Conversions

Conversions Part 1

Format	Color
Hex	7C614F
RGB	124, 97, 79
RGB Percent	49%, 38%, 31%
CMY	0.5137, 0.6196, 0.6902
CMYK	0.00, 0.22, 0.36, 0.51
HSL	24°, 22%, 40%
HSV	24°, 36%, 49%
XYZ	13.9982, 13.3990, 9.2456
YIQ	103.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

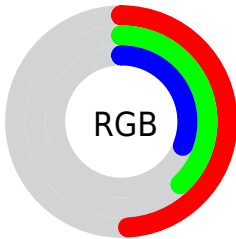
Format	Color
RYB	124, 109, 79
Decimal	8151375
CIELab	43.36, 8.19, 14.44
CIELCh	43, 16.598, 60.426
Yxy	13.3990, 0.3820, 0.3657
Android (android.graphics.Color)	4286341455 (0xFF7C614F)
YUV	103.0210, -11.8424, 18.3986
Hunter-Lab	36.6046, 4.2031, 10.6478

Details

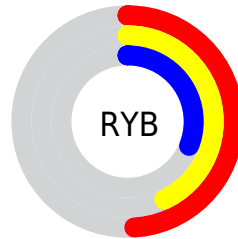
The XYZ color **13.9982, 13.3990, 9.2456** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.0165, 13.4252, 21.0269**, and the grayscale version is **12.9243, 13.5973, 14.8075**.

A 20% lighter version of the original color is **32.6176, 32.0854, 24.8960**, and **4.2966, 3.9390, 2.0472** is the 20% darker color. If you saturate the color by 10%, you get **12.9329, 11.9246, 6.8676**, and if you desaturate by 10%, it is **15.2129, 15.0373, 12.0891**.

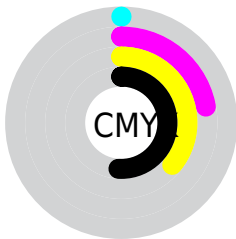
Distribution



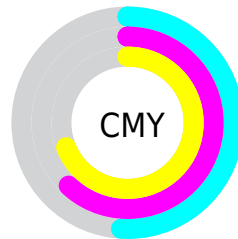
- Red (49%)
- Green (38%)
- Blue (31%)



- Red (49%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (51%)





- Cyan (51%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9982, 13.3990, 9.2456 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 13.9982, 13.3990, 9.2456 by changing the saturation by 10% instead.


 13.9982, 13.3990,
9.2456


 13.9982, 13.3990,
9.2456


210.7305,
213.4592, 195.4847


 8.2011, 7.7039,
4.8027


 32.6721, 32.0188,
24.9518


 4.2768, 3.9061,
2.0753

 46.2797, 45.7122,
37.0522

 1.8599, 1.6211,
0.6010

 63.2214, 62.8405,
52.5421

 0.5534, 0.3718,
0.0000

 83.8627, 83.7881,
71.8402

 0.0000, 0.0000,
0.0000

 108.5689,
108.9394, 95.3650

137.7053,

138.6787, 123.5350

171.6374,
173.3905, 156.7687

■ 13.9982, 13.3990,
9.2456

■ 13.9982, 13.3990,
9.2456

■ 12.9329, 11.9246,
6.8676

■ 15.2129, 15.0373,
12.0891

■ 12.0095, 10.6067,
4.9291

■ 16.5820, 16.8428,
15.4208

■ 11.2214, 9.4404,
3.4026

■ 18.1114, 18.8210,
19.2626

■ 10.5608, 8.4194,
2.2570

■ 19.8067, 20.9764,
23.6350

■ 10.0192, 7.5371,
1.4571

■ 21.6728, 23.3137,
28.5574

■ 9.5819, 6.7841,
0.9366

■ 23.7146, 25.8371,
34.0481

■ 9.4361, 6.5329,
0.7636

■ 25.9368, 28.5507,
40.1246

■ 28.3439, 31.4586,
46.8037

■ 30.9401, 34.5647,
54.1013

Harmonies

Analogous

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



14.9943, 13.3990, 11.2817



13.9982, 13.3990, 9.2456



12.7169, 13.3990, 8.5801

Triad

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



13.9982, 13.3990, 9.2456



10.4142, 13.3990, 14.6420



14.0322, 13.3990, 21.6058

Complementary

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



13.9982, 13.3990, 9.2456



12.0165, 13.4252, 21.0269

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.



12.7538, 13.3990, 22.9006



13.9982, 13.3990, 9.2456



10.7155, 13.3990, 18.4873

Square

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



13.9982, 13.3990, 9.2456



10.6991, 13.3990, 11.3588



11.5508, 13.3990, 21.6744



15.0148, 13.3990, 18.3805

Rectangle

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



13.9982, 13.3990, 9.2456



11.8898, 13.3990, 8.8971



11.5508, 13.3990, 21.6744



13.6201, 13.3990, 22.3034

Sweetspot

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



13.9985, 13.3996, 9.2459



30.4978, 31.3513, 30.4221



13.7098, 10.9178, 15.0206



7.1142, 7.2950, 6.9930



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.



13.9985, 13.3996, 9.2459



22.9785, 21.2924, 12.5636



16.3801, 18.1627, 10.0397



4.1177, 4.2538, 4.2285



9.5902, 6.6363, 0.7755



44.9612, 30.0859, 3.4374

Inverse Universe

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



12.0165, 13.4252, 21.0269



18.9169, 21.3362, 36.6779



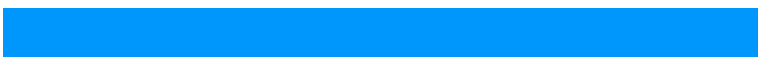
9.9943, 9.3810, 20.3529



3.9789, 4.2560, 5.0550



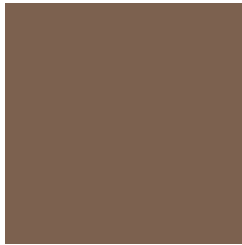
6.2120, 6.5065, 20.3138



28.7822, 29.3369, 96.6154

Previews

White Background



This preview shows how the XYZ color 13.9982, 13.3990, 9.2456 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 13.9982, 13.3990, 9.2456 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 13.9982, 13.3990, 9.2456

Background



This preview shows how black text looks on a background with the XYZ color 13.9982, 13.3990, 9.2456.



This preview shows how white text looks on a background with the XYZ color 13.9982, 13.3990,

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

13.9982, 13.3990, 9.2456

Protanopia

12.5810, 13.3631, 9.8989

Deuteranopia

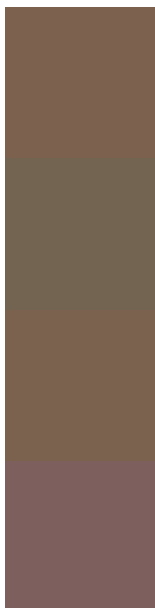
13.6641, 13.3648, 9.2566



Tritanopia

14.9559, 13.3806, 14.1064

Trichromacy



Original Color

13.9982, 13.3990, 9.2456

Protanomaly

12.9818, 13.2858, 9.6648

Deuteranomaly

13.8050, 13.4375, 9.2632

Tritanomaly

14.5254, 13.3347, 12.1642

Monochromacy



Original Color

13.9982, 13.3990, 9.2456

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2296, 13.4950, 12.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9982, 13.3990, 9.2456 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, 97, 79)` looks like.

```
.text, #text, p{  
    color:rgb(124, 97, 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(124, 97, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 97, 79) }
```

Border

The CSS property to change the border of an element to XYZ 13.9982, 13.3990, 9.2456 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, 97, 79) }
```


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

```
.border{ border-color:rgb(124, 97, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 97, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 97, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 97, 79);  
box-shadow:4px 4px 4px 4px rgb(124, 97,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9982, 13.3990, 9.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 97, 79) }
```

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

```
.background{ background-color: rgb(124, 97,  
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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