

Converting Colors

XYZ(14.1142, 12.3898, 10.2419)

Have a look what the booklet for
XYZ(14.1142, 12.3898, 10.2419)
contains.

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Color

**XYZ(14.1142, 12.3898,
10.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	805955
RGB	128, 89, 85
RGB Percent	50%, 35%, 33%
CMY	0.4980, 0.6510, 0.6667
CMYK	0.00, 0.30, 0.34, 0.50
HSL	6°, 20%, 42%
HSV	6°, 34%, 50%
XYZ	14.1142, 12.3898, 10.2419
YIQ	100.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

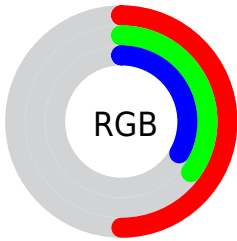
Format	Color
R _Y B	128, 89, 85
Decimal	8411477
CIE Lab	41.83, 15.51, 8.75
CIE LCh	42, 17.808, 29.422
Yxy	12.3898, 0.3841, 0.3372
Android (android.graphics.Color)	4286601557 (0xFF805955)
YUV	100.2050, -7.4961, 24.3762
Hunter-Lab	35.1991, 9.9767, 7.3878

Details

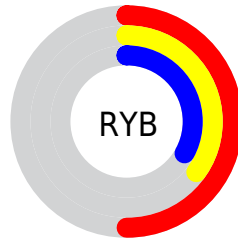
The XYZ color **14.1142, 12.3898, 10.2419** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8501, 17.9047, 23.0956**, and the grayscale version is **12.1799, 12.8142, 13.9546**.

A 20% lighter version of the original color is **32.8972, 30.1596, 27.0092**, and **4.3074, 3.4587, 2.4481** is the 20% darker color. If you saturate the color by 10%, you get **12.7600, 10.4229, 7.5046**, and if you desaturate by 10%, it is **15.7134, 14.6995, 13.5151**.

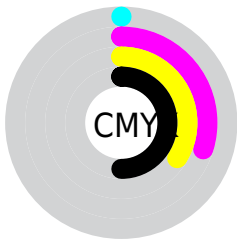
Distribution



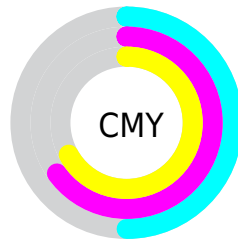
- Red (50%)
- Green (35%)
- Blue (33%)



- Red (50%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (50%)





- Cyan (50%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1142, 12.3898, 10.2419 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 14.1142, 12.3898, 10.2419 by changing the saturation by 10% instead.


 14.1142, 12.3898,
10.2419


 14.1142, 12.3898,
10.2419


211.4365,
206.9691, 202.9371


 8.2824, 7.0097,
5.4519


 32.8761, 30.2031,
26.8644


 4.3295, 3.4682,
2.4515


 46.5369, 43.4051,
39.5340


 1.8902, 1.3808,
0.8143

 63.5380, 59.9832,
55.6673

 0.5711, 0.2025,
0.0000

 84.2449, 80.3218,
75.6827

 0.0000, 0.0000,
0.0000

 109.0228,
104.8053, 99.9989

138.2371,

133.8181, 129.0343

172.2533,
167.7445, 163.2075

■ 14.1142, 12.3898,
10.2419

■ 14.1142, 12.3898,
10.2419

■ 12.7600, 10.4229,
7.5046

■ 15.7134, 14.6995,
13.5151

■ 11.6377, 8.7806,
5.2738

■ 17.5680, 17.3652,
17.3498

■ 10.7347, 7.4461,
3.5187

■ 19.6887, 20.4018,
21.7710

■ 10.0363, 6.4001,
2.2047

■ 22.0856, 23.8229,
26.8017

■ 9.5265, 5.6213,
1.2924

■ 24.7680, 27.6411,
32.4640

■ 9.1860, 5.0849,
0.7328

■ 27.7450, 31.8686,
38.7787

■ 9.0326, 4.8501,
0.4601

■ 31.0251, 36.5172,
45.7657

■ 34.6167, 41.5979,
53.4439

■ 38.5275, 47.1217,
61.8318

Harmonies

Analogous

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



14.4846, 12.3898, 13.5634



14.1142, 12.3898, 10.2419



13.1073, 12.3898, 8.1750

Triad

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



14.1142, 12.3898, 10.2419



9.7341, 12.3898, 10.1372



11.7507, 12.3898, 22.0862

Complementary

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



14.1142, 12.3898, 10.2419



14.8501, 17.9047, 23.0956

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.



10.5383, 12.3898, 20.7196



14.1142, 12.3898, 10.2419



9.4283, 12.3898, 13.4177

Square

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



14.1142, 12.3898, 10.2419



10.5793, 12.3898, 8.1230



9.7117, 12.3898, 17.3620



13.0600, 12.3898, 20.8168

Rectangle

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



14.1142, 12.3898, 10.2419



12.2456, 12.3898, 7.5593



9.7117, 12.3898, 17.3620



11.3189, 12.3898, 21.9166

Sweetspot

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



14.1145, 12.3904, 10.2421



32.1336, 32.2980, 33.0476



15.8153, 12.5522, 20.7967



7.4229, 7.4179, 7.5283



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.1145, 12.3904, 10.2421



23.0623, 19.2196, 14.4117



16.1269, 16.4151, 10.9129



4.3575, 4.4037, 4.5405



8.9569, 4.8103, 0.4564



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8501, 17.9047, 23.0956



24.5529, 30.4180, 40.5335



12.4847, 13.1739, 22.3071



4.4133, 4.8206, 5.5111



10.0666, 13.9516, 22.4123



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1142, 12.3898, 10.2419 looks on a white background.

Color Contrast Check

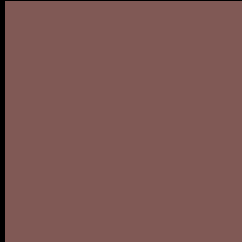
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1142, 12.3898, 10.2419 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 14.1142, 12.3898, 10.2419

Background



This preview shows how black text looks on a background with the XYZ color 14.1142, 12.3898, 10.2419.



This preview shows how white text looks on a background with the XYZ color 14.1142, 12.3898,

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

14.1142, 12.3898, 10.2419

Protanopia

11.9008, 12.5454, 11.4671

Deuteranopia

12.6319, 12.4019, 10.1155



Tritanopia

14.5634, 12.4547, 12.2261

Trichromacy



Original Color

14.1142, 12.3898, 10.2419

Protanomaly

12.5358, 12.3337, 10.9525

Deuteranomaly

13.1223, 12.3907, 10.0875

Tritanomaly

14.4313, 12.4019, 11.5307

Monochromacy



Original Color

14.1142, 12.3898, 10.2419

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.6788, 12.5070, 12.5723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1142, 12.3898, 10.2419 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(128, 89, 85)` looks like.

```
.text, #text, p{  
  color:rgb(128, 89, 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(128, 89, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.1142, 12.3898, 10.2419 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(128, 89, 85) }
```


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

```
.border{ border-color:rgb(128, 89, 85) }
```

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

Here you see how a box with a 4 pixel rgb(128, 89, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 85);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1142, 12.3898, 10.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 89, 85) }
```

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

```
.background{ background-color: rgb(128, 89,  
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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