

Converting Colors

XYZ(15.0345, 14.1308, 10.9639)

Have a look what the booklet for
XYZ(15.0345, 14.1308, 10.9639)
contains.

XYZ(15.0842, 14.2010, 10.9629) 3

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Color

**XYZ(15.0842, 14.2010,
10.9629)**

Conversions

Conversions Part 1	
Format	Color
Hex	806357
RGB	128, 99, 87
RGB Percent	50%, 39%, 34%
CMY	0.4980, 0.6118, 0.6588
CMYK	0.00, 0.23, 0.32, 0.50
HSL	18°, 19%, 42%
HSV	18°, 32%, 50%
XYZ	15.0842, 14.2010, 10.9629
YIQ	106.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

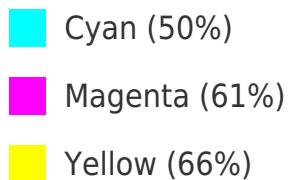
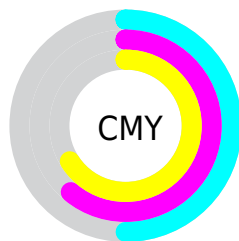
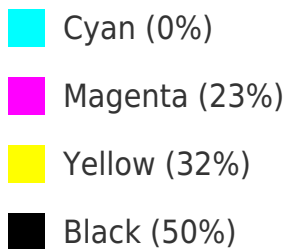
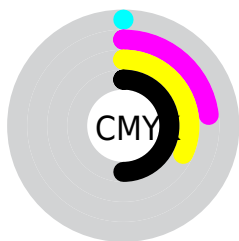
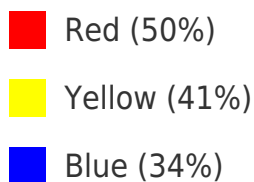
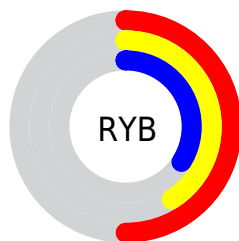
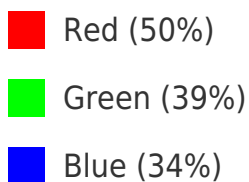
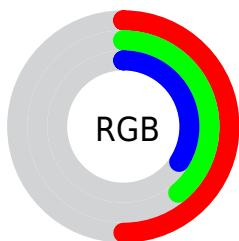
Format	Color
RYB	128, 104, 87
Decimal	8414039
CIELab	44.52, 9.84, 11.30
CIELCh	45, 14.988, 48.940
Yxy	14.2010, 0.3748, 0.3528
Android (android.graphics.Color)	4286604119 (0xFF806357)
YUV	106.3030, -9.5164, 19.0283
Hunter-Lab	37.6842, 5.5024, 9.1306

Details

The XYZ color **15.0842, 14.2010, 10.9629** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0719, 16.0749, 22.7831**, and the grayscale version is **13.8043, 14.5232, 15.8158**.

A 20% lighter version of the original color is **34.7131, 33.5639, 28.3158**, and **4.7878, 4.2429, 2.7571** is the 20% darker color. If you saturate the color by 10%, you get **13.7969, 12.3903, 8.1785**, and if you desaturate by 10%, it is **16.5612, 16.2424, 14.2684**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0842, 14.2010, 10.9629 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 15.0842, 14.2010, 10.9629 by changing the saturation by 10% instead.


 15.0842, 14.2010,
10.9629


 15.0842, 14.2010,
10.9629


217.2536,
218.4777, 208.1411


 8.9652, 8.2606,
5.9280


 34.5713, 33.4452,
28.2271


 4.7754, 4.2621,
2.7333


 48.6700, 47.5179,
41.2936


 2.1495, 1.8213,
0.9601

 66.1595, 65.0701,
57.8743

 0.7159, 0.5004,
0.0000

 87.4049, 86.4861,
78.3879


 0.0000, 0.0000,
0.0000


 112.7716,
112.1506, 103.2528


142.6251,


142.4477, 132.8876


177.3306,
177.7619, 167.7109


 15.0842, 14.2010,
10.9629

 15.0842, 14.2010,
10.9629


 13.7969, 12.3903,
8.1785


 16.5612, 16.2424,
14.2684


 12.6901, 10.8002,
5.8875


 18.2343, 18.5205,
18.1190


 11.7554, 9.4223,
4.0609


 20.1110, 21.0432,
22.5384


 10.9835, 8.2474,
2.6662


 22.1980, 23.8179,
27.5484


 10.3638, 7.2652,
1.6668


 24.5018, 26.8511,
33.1699


 9.8844, 6.4645,
1.0197

 27.0286, 30.1497,
39.4227

 9.5784, 5.9419,
0.6421

 29.7842, 33.7198,
46.3255

 32.7744, 37.5676,
53.8964

 36.0045, 41.6989,
62.1529

Harmonies

Analogous

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



15.8200, 14.2010, 13.3991



15.0842, 14.2010, 10.9629



13.9489, 14.2010, 9.8017

Triad

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



15.0842, 14.2010, 10.9629



11.3406, 14.2010, 14.2192



14.2669, 14.2010, 22.6598

Complementary

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



15.0842, 14.2010, 10.9629



14.0719, 16.0749, 22.7831

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.



13.0562, 14.2010, 22.9669



15.0842, 14.2010, 10.9629



11.4145, 14.2010, 17.7276

Square

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



15.0842, 14.2010, 10.9629



11.8183, 14.2010, 11.4858



12.0264, 14.2010, 21.0503



15.3290, 14.2010, 20.2650

Rectangle

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



15.0842, 14.2010, 10.9629



13.1393, 14.2010, 9.7702



12.0264, 14.2010, 21.0503



13.8624, 14.2010, 23.0227

Sweetspot

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



15.0846, 14.2017, 10.9632



32.6724, 33.3758, 33.2272



15.4851, 12.6756, 18.2707



7.5618, 7.6958, 7.5746



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.



15.0846, 14.2017, 10.9632



24.9721, 22.7790, 15.8508



17.2331, 18.4988, 11.6794



4.4224, 4.5336, 4.5621



9.4988, 5.8940, 0.6370



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0719, 16.0749, 22.7831



22.9088, 26.5780, 39.8789



11.9991, 11.9294, 22.0922



4.3434, 4.6809, 5.4878



7.5343, 8.8871, 21.5682



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0842, 14.2010, 10.9629 looks on a white background.

Color Contrast Check

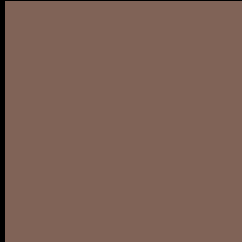
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0842, 14.2010, 10.9629 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 15.0842, 14.2010, 10.9629

Background



This preview shows how black text looks on a background with the XYZ color 15.0842, 14.2010, 10.9629.



This preview shows how white text looks on a background with the XYZ color 15.0842, 14.2010,

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

15.0842, 14.2010, 10.9629

Protanopia

13.4526, 14.2208, 11.7087

Deuteranopia

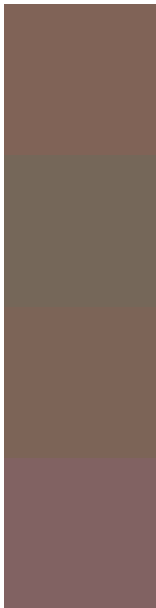
14.4000, 14.1331, 10.9858



Tritanopia

15.9793, 14.2947, 15.0137

Trichromacy



Original Color
15.0842, 14.2010, 10.9629

Protanomaly
13.9895, 14.2037, 11.4554

Deuteranomaly
14.5897, 14.0875, 10.9670

Tritanomaly
15.6255, 14.2843, 13.4889

Monochromacy



Original Color
15.0842, 14.2010, 10.9629

Achromatopsia
13.6994, 14.4128, 15.6956

Achromatomaly
14.0418, 14.1788, 13.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0842, 14.2010, 10.9629 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, 99, 87) looks like.

```
.text, #text, p{  
    color:rgb(128, 99, 87)  
}
```

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, 99, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.0842, 14.2010, 10.9629 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, 99, 87) }
```

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

```
.border{ border-color:rgb(128, 99, 87) }
```

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

Here you see how a box with a 4 pixel rgb(128, 99, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 99, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 99, 87);  
box-shadow:4px 4px 4px 4px rgb(128, 99,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0842, 14.2010, 10.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 87) }
```

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

```
.background{ background-color: rgb(128, 99,  
87) }
```

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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