

Converting Colors

XYZ(17.1394, 15.2602, 13.9799)

Have a look what the booklet for
XYZ(17.1394, 15.2602, 13.9799)
contains.

XYZ(17.0786, 15.1621, 14.0830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0786, 15.1621,
14.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	896364
RGB	137, 99, 100
RGB Percent	54%, 39%, 39%
CMY	0.4627, 0.6118, 0.6078
CMYK	0.00, 0.28, 0.27, 0.46
HSL	358°, 16%, 46%
HSV	358°, 28%, 54%
XYZ	17.0786, 15.1621, 14.0830
YIQ	110.4760, 22.3270, 8.3670

Conversions

Conversions Part 2

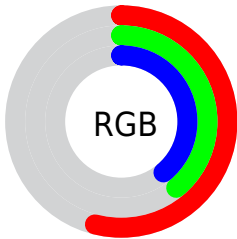
Format	Color
R_{YB}	137, 99, 100
Decimal	9003876
CIE Lab	45.86, 15.53, 5.50
CIE LCh	46, 16.475, 19.513
Yxy	15.1621, 0.3687, 0.3273
Android (android.graphics.Color)	4287193956 (0xFF896364)
YUV	110.4760, -5.1647, 23.2615
Hunter-Lab	38.9385, 10.1484, 5.8134

Details

The XYZ color **17.0786, 15.1621, 14.0830** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5358, 22.3219, 26.6253**, and the grayscale version is **14.9681, 15.7476, 17.1492**.

A 20% lighter version of the original color is **37.9781, 35.1234, 34.0560**, and **5.7083, 4.6915, 3.9728** is the 20% darker color. If you saturate the color by 10%, you get **15.2955, 12.5458, 10.5596**, and if you desaturate by 10%, it is **19.1885, 18.2625, 18.2373**.

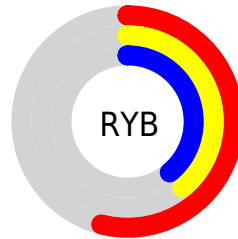
Distribution



Red (54%)

Green (39%)

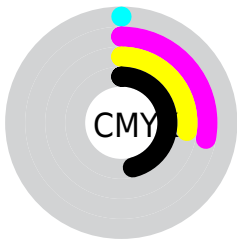
Blue (39%)



Red (54%)

Yellow (39%)

Blue (39%)

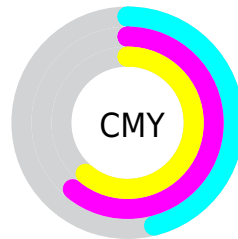


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (46%)



Cyan (46%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0786, 15.1621, 14.0830 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 17.0786, 15.1621, 14.0830 by changing the saturation by 10% instead.

■ 17.0786, 15.1621,
14.0830

■ 17.0786, 15.1621,
14.0830

228.7723,
224.3453, 229.1929

■ 10.3862, 8.9332,
8.0390

■ 38.0034, 35.1373,
33.9555

■ 5.7200, 4.6977,
4.0318

■ 52.9665, 49.6524,
48.6210

■ 2.7146, 2.0710,
1.6428

■ 71.4172, 67.6984,
66.9975

■ 1.0047, 0.6482,
0.3211

■ 93.7209, 89.6597,
89.5035

■ 0.0000, 0.0000,
0.0000

120.2429,
115.9206, 116.5575

151.3485,

146.8656, 148.5780

187.4032,
182.8790, 185.9836

■ 17.0786, 15.1621,
14.0830

■ 17.0786, 15.1621,
14.0830

■ 15.2955, 12.5458,
10.5596

■ 19.1885, 18.2625,
18.2373

■ 13.8216, 10.3873,
7.6355

■ 21.6392, 21.8675,
23.0504

■ 12.6398, 8.6608,
5.2776

■ 24.4450, 25.9989,
28.5493

■ 11.7307, 7.3373,
3.4492

■ 27.6195, 30.6767,
34.7596

■ 11.0724, 6.3841,
2.1095

■ 31.1753, 35.9197,
41.7054

■ 10.6399, 5.7636,
1.2116

■ 35.1245, 41.7460,
49.4096

■ 10.3865, 5.4003,
0.6850

■ 39.4786, 48.1728,
57.8943

■ 10.3363, 5.3263,
0.5866

■ 44.2487, 55.2165,
67.1805

■ 49.4454, 62.8931,
77.2885

Harmonies

Analogous

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



17.2008, 15.1621, 17.9410



17.0786, 15.1621, 14.0830



16.2161, 15.1621, 11.3470

Triad

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



17.0786, 15.1621, 14.0830



12.4733, 15.1621, 12.0231



13.9304, 15.1621, 25.2325

Complementary

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



17.0786, 15.1621, 14.0830



18.5358, 22.3219, 26.6253

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.



12.7453, 15.1621, 23.0382



17.0786, 15.1621, 14.0830



11.9407, 15.1621, 15.1552

Square

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



17.0786, 15.1621, 14.0830



13.5371, 15.1621, 10.2967



12.0369, 15.1621, 19.1986



15.3220, 15.1621, 24.8212

Rectangle

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



17.0786, 15.1621, 14.0830



15.3665, 15.1621, 10.3292



12.0369, 15.1621, 19.1986



13.4962, 15.1621, 24.7629

Sweetspot

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



17.0790, 15.1628, 14.0833



38.5446, 38.8558, 40.8727



19.0877, 15.9424, 25.7382



8.5051, 8.5088, 8.8923



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.0790, 15.1628, 14.0833



28.6028, 24.2439, 21.3066



18.8993, 18.8803, 14.4534



5.0378, 5.0506, 5.2878



9.6289, 4.9617, 0.5501



0.0646, 0.0332, 0.0068

Inverse Universe

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



17.0790, 15.1628, 14.0833



28.6028, 24.2439, 21.3066



16.2901, 17.7166, 26.2281



5.0378, 5.0506, 5.2878



9.6289, 4.9617, 0.5501



0.0646, 0.0332, 0.0068

Previews

White Background



This preview shows how the XYZ color 17.0786, 15.1621, 14.0830 looks on a white background.

Color Contrast Check

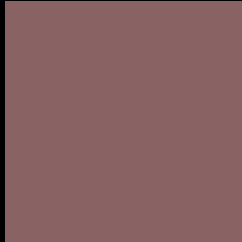
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0786, 15.1621, 14.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

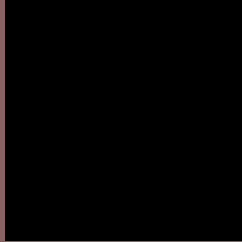
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0786, 15.1621, 14.0830

Background



This preview shows how black text looks on a background with the XYZ color 17.0786, 15.1621, 14.0830.



This preview shows how white text looks on a background with the XYZ color 17.0786, 15.1621,

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

17.0786, 15.1621, 14.0830

Protanopia

14.5945, 15.1898, 15.5273

Deuteranopia

15.4721, 15.2150, 13.9257



Tritanopia

17.4504, 15.1792, 15.6458

Trichromacy



Original Color

17.0786, 15.1621, 14.0830

Protanomaly

15.3849, 15.1474, 14.9448

Deuteranomaly

16.0045, 15.1905, 13.8929

Tritanomaly

17.3476, 15.1381, 15.1043

Monochromacy



Original Color

17.0786, 15.1621, 14.0830

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.5013, 15.3417, 15.7799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0786, 15.1621, 14.0830 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(137, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(137, 99, 100)  
}
```

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(137, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 99, 100) }
```

Border

The CSS property to change the border of an element to XYZ 17.0786, 15.1621, 14.0830 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(137, 99, 100) }
```


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

```
.border{ border-color:rgb(137, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(137, 99,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0786, 15.1621, 14.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 99, 100) }
```

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

```
.background{ background-color: rgb(137, 99,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor