

Converting Colors

XYZ(17.6918, 14.6578, 16.7238)

Have a look what the booklet for
XYZ(17.6918, 14.6578, 16.7238)
contains.

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Color

**XYZ(17.7133, 14.6172,
16.6397)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5D6E
RGB	141, 93, 110
RGB Percent	55%, 36%, 43%
CMY	0.4471, 0.6353, 0.5686
CMYK	0.00, 0.34, 0.22, 0.45
HSL	339°, 21%, 46%
HSV	339°, 34%, 55%
XYZ	17.7133, 14.6172, 16.6397
YIQ	109.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

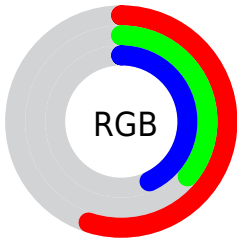
Format	Color
R_{YB}	141, 93, 110
Decimal	9264494
CIE Lab	45.11, 22.21, -1.57
CIE LCh	45, 22.270, 355.947
Yxy	14.6172, 0.3617, 0.2985
Android (android.graphics.Color)	4287454574 (0xFF8D5D6E)
YUV	109.2900, 0.3500, 27.8097
Hunter-Lab	38.2324, 15.7932, 0.9582

Details

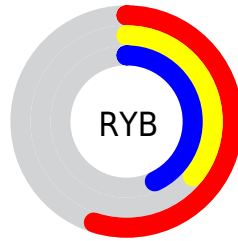
The XYZ color **17.7133, 14.6172, 16.6397** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6777, 22.8324, 22.5452**, and the grayscale version is **14.6130, 15.3740, 16.7423**.

A 20% lighter version of the original color is **39.2598, 34.2909, 38.7320**, and **6.0906, 4.4865, 5.2476** is the 20% darker color. If you saturate the color by 10%, you get **16.1173, 12.1783, 13.7859**, and if you desaturate by 10%, it is **19.5893, 17.5343, 19.8386**.

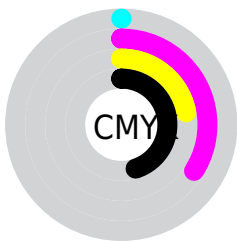
Distribution



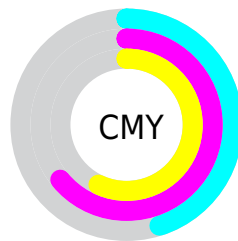
- Red (55%)
- Green (36%)
- Blue (43%)



- Red (55%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7133, 14.6172, 16.6397 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 17.7133, 14.6172, 16.6397 by changing the saturation by 10% instead.

■ 17.7133, 14.6172,
16.6397

■ 17.7133, 14.6172,
16.6397

232.3270,
221.0374, 245.0607

■ 10.8428, 8.5512,
9.8187

■ 39.0821, 34.1802,
38.4874

■ 6.0277, 4.4496,
5.1749

■ 54.3111, 48.4460,
54.3511

■ 2.9028, 1.9281,
2.2897

■ 73.0570, 66.2138,
74.0662

■ 1.1026, 0.5652,
0.7254

■ 95.6851, 87.8681,
98.0512

■ 0.0273, 0.0000,
0.0000

122.5608,
113.7932, 126.7246

■ 0.0000, 0.0000,
0.0000

154.0495,

144.3735, 160.5049

190.5164,
179.9934, 199.8108

■ 17.7133, 14.6172,
16.6397

■ 17.7133, 14.6172,
16.6397

■ 16.1173, 12.1783,
13.7859

■ 19.5893, 17.5343,
19.8386

■ 14.7860, 10.1898,
11.2641

■ 21.7571, 20.9512,
23.3934

■ 13.7045, 8.6242,
9.0614

■ 24.2294, 24.8909,
27.3152

■ 12.8555, 7.4500,
7.1640

■ 27.0176, 29.3743,
31.6147

■ 12.2199, 6.6315,
5.5564

■ 30.1327, 34.4209,
36.3019

■ 11.7740, 6.1245,
4.2215

■ 33.5851, 40.0496,
41.3866

■ 11.5588, 5.8924,
3.5381

■ 37.3846, 46.2782,
46.8779

■ 41.5407, 53.1238,
52.7850

■ 46.0626, 60.6027,
59.1165

Harmonies

Analogous

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



17.0223, 14.6172, 22.2625



17.7133, 14.6172, 16.6397



17.3091, 14.6172, 11.8955

Triad

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



17.7133, 14.6172, 16.6397



12.4076, 14.6172, 8.4560



12.0118, 14.6172, 25.8276

Complementary

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



17.7133, 14.6172, 16.6397



17.6777, 22.8324, 22.5452

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.



10.9592, 14.6172, 20.7526



17.7133, 14.6172, 16.6397



11.1732, 14.6172, 10.9067

Square

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



17.7133, 14.6172, 16.6397



14.1438, 14.6172, 7.8217



10.6661, 14.6172, 15.2129



13.6456, 14.6172, 28.2551

Rectangle

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



17.7133, 14.6172, 16.6397



16.4905, 14.6172, 9.7082



10.6661, 14.6172, 15.2129



11.5841, 14.6172, 24.3270

Sweetspot

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



17.7137, 14.6179, 16.6400



40.5916, 40.1066, 44.5018



16.9483, 13.9931, 27.0070



8.9473, 8.7687, 9.7498



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.7137, 14.6179, 16.6400



29.4402, 22.6834, 25.7416



17.4606, 15.4534, 12.4193



5.4828, 5.4537, 6.0407



10.5465, 5.3756, 3.2630



0.1106, 0.0553, 0.0826

Inverse Universe

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



17.7137, 14.6179, 16.6400



29.4402, 22.6834, 25.7416



17.9306, 21.4671, 28.3979



5.4828, 5.4537, 6.0407



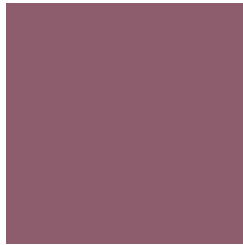
10.5465, 5.3756, 3.2630



0.1106, 0.0553, 0.0826

Previews

White Background



This preview shows how the XYZ color 17.7133, 14.6172, 16.6397 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 17.7133, 14.6172, 16.6397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

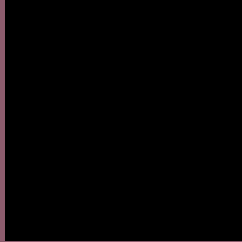
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7133, 14.6172, 16.6397

Background



This preview shows how black text looks on a background with the XYZ color 17.7133, 14.6172, 16.6397.



This preview shows how white text looks on a background with the XYZ color 17.7133, 14.6172,

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

17.7133, 14.6172, 16.6397

Protanopia

14.3679, 14.6802, 19.2158

Deuteranopia

14.9932, 14.7652, 16.2471



Tritanopia

17.2162, 14.5402, 14.4695

Trichromacy



Original Color

17.7133, 14.6172, 16.6397

Protanomaly

15.3559, 14.4671, 18.2027

Deuteranomaly

15.9217, 14.6541, 16.4574

Tritanomaly

17.3677, 14.6008, 15.2675

Monochromacy



Original Color

17.7133, 14.6172, 16.6397

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4957, 14.8696, 16.5214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7133, 14.6172, 16.6397 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(141, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(141, 93, 110)  
}
```

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(141, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 93, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.7133, 14.6172, 16.6397 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(141, 93, 110) }
```


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

```
.border{ border-color:rgb(141, 93, 110) }
```

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

Here you see how a box with a 4 pixel rgb(141, 93, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(141, 93,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7133, 14.6172, 16.6397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 93, 110) }
```

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

```
.background{ background-color: rgb(141, 93,  
110) }
```

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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