

Converting Colors

XYZ(17.4251, 14.6023, 10.7873)

Have a look what the booklet for
XYZ(17.4251, 14.6023, 10.7873)
contains.

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Color

**XYZ(17.4481, 14.6116,
10.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	925D56
RGB	146, 93, 86
RGB Percent	57%, 36%, 34%
CMY	0.4275, 0.6353, 0.6627
CMYK	0.00, 0.36, 0.41, 0.43
HSL	7°, 26%, 45%
HSV	7°, 41%, 57%
XYZ	17.4481, 14.6116, 10.7048
YIQ	108.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

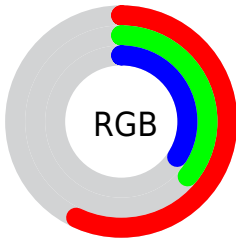
Format	Color
R_{YB}	146, 94, 86
Decimal	9592150
CIE _{Lab}	45.10, 20.82, 13.03
CIE _{LCh}	45, 24.559, 32.053
Yxy	14.6116, 0.4080, 0.3417
Android (android.graphics.Color)	4287782230 (0xFF925D56)
YUV	108.0490, -10.8702, 33.2830
Hunter-Lab	38.2251, 14.5835, 10.1536

Details

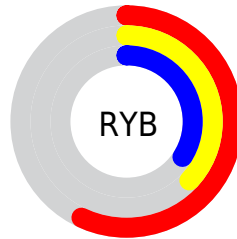
The XYZ color **17.4481, 14.6116, 10.7048** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2582, 22.5179, 30.5781**, and the grayscale version is **14.2909, 15.0351, 16.3732**.

A 20% lighter version of the original color is **38.7743, 34.2806, 27.8658**, and **5.8914, 4.4412, 2.6446** is the 20% darker color. If you saturate the color by 10%, you get **15.8809, 12.3243, 7.5707**, and if you desaturate by 10%, it is **19.3272, 17.3302, 14.5360**.

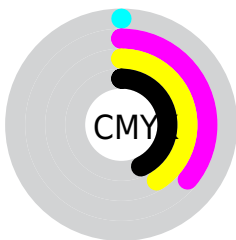
Distribution



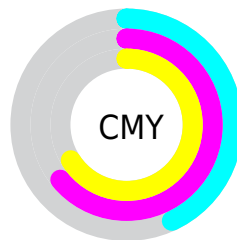
- Red (57%)
- Green (36%)
- Blue (34%)



- Red (57%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4481, 14.6116, 10.7048 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 17.4481, 14.6116, 10.7048 by changing the saturation by 10% instead.

■ 17.4481, 14.6116,
10.7048

■ 17.4481, 14.6116,
10.7048

230.8478,
221.0031, 206.2952

■ 10.6518, 8.5473,
5.7570

■ 38.6321, 34.1704,
27.7412

■ 5.8987, 4.4471,
2.6315

■ 53.7505, 48.4336,
40.6670

■ 2.8237, 1.9267,
0.9087

■ 72.3737, 66.1985,
57.0892

■ 1.0612, 0.5643,
0.0000

■ 94.8669, 87.8496,
77.4263

■ 0.0000, 0.0000,
0.0000

■ 121.5956,
113.7712, 102.0969

152.9250,

144.3477, 131.5196

189.2207,
179.9636, 166.1128

■ 17.4481, 14.6116,
10.7048

■ 17.4481, 14.6116,
10.7048

■ 15.8809, 12.3243,
7.5707

■ 19.3272, 17.3302,
14.5360

■ 14.6074, 10.4440,
5.0909

■ 21.5326, 20.4985,
19.1020

■ 13.6095, 8.9475,
3.2191


■ 24.0794, 24.1363,
24.4387

■ 12.8664, 7.8081,
1.9027


■ 26.9812, 28.2617,
30.5794


■ 12.3545, 6.9957,
1.0799


■ 30.2509, 32.8919,
37.5555

 12.0551, 6.5132,
0.6218

 33.9009, 38.0431,
45.3968

 37.9429, 43.7308,
54.1315

 42.3881, 49.9700,
63.7864

 47.2472, 56.7749,
74.3875

Harmonies

Analogous

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



18.1438, 14.6116, 15.5143



17.4481, 14.6116, 10.7048



15.7895, 14.6116, 7.9653

Triad

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



17.4481, 14.6116, 10.7048



10.7306, 14.6116, 11.2436



14.0275, 14.6116, 29.8218

Complementary

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



17.4481, 14.6116, 10.7048



18.2582, 22.5179, 30.5781

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.



12.1454, 14.6116, 27.9026



17.4481, 14.6116, 10.7048



10.3557, 14.6116, 16.3114

Square

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



17.4481, 14.6116, 10.7048



11.9263, 14.6116, 8.2193



10.8482, 14.6116, 22.5756



16.0536, 14.6116, 27.3270

Rectangle

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



17.4481, 14.6116, 10.7048



14.4321, 14.6116, 7.2378



10.8482, 14.6116, 22.5756



13.3576, 14.6116, 29.6705

Sweetspot

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



17.4485, 14.6123, 10.7051



41.9321, 41.7998, 41.9615



19.8420, 14.6307, 26.2042



9.2116, 9.1325, 9.0896



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.4485, 14.6123, 10.7051



28.2950, 22.1510, 13.9079



20.6167, 20.9488, 11.7612



5.8521, 5.9180, 6.0743



10.6180, 5.7505, 0.5503



0.1406, 0.0917, 0.0103

Inverse Universe

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



18.2582, 22.5179, 30.5781



29.9035, 37.9646, 53.7254



14.4948, 14.9911, 29.3236



5.9069, 6.4479, 7.4030



11.4795, 15.6538, 26.3475



0.1537, 0.2179, 0.3269

Previews

White Background



This preview shows how the XYZ color 17.4481, 14.6116, 10.7048 looks on a white background.

Color Contrast Check

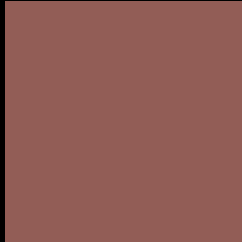
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4481, 14.6116, 10.7048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

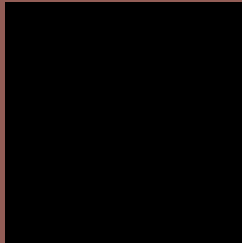
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4481, 14.6116, 10.7048

Background



This preview shows how black text looks on a background with the XYZ color 17.4481, 14.6116, 10.7048.

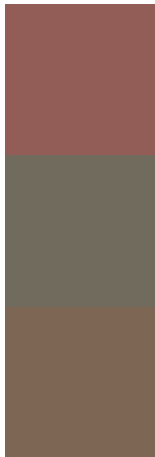


This preview shows how white text looks on a background with the XYZ color 17.4481, 14.6116,

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

17.4481, 14.6116, 10.7048

Protanopia

13.9156, 14.7504, 12.4696

Deuteranopia

14.9079, 14.7006, 10.4393



Tritanopia

17.9783, 14.5671, 13.4194

Trichromacy



Original Color

17.4481, 14.6116, 10.7048

Protanomaly

14.9090, 14.5260, 11.6909

Deuteranomaly

15.7744, 14.5661, 10.5745

Tritanomaly

17.8801, 14.6655, 12.4780

Monochromacy



Original Color

17.4481, 14.6116, 10.7048

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1765, 14.7582, 14.1053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4481, 14.6116, 10.7048 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(146, 93, 86)` looks like.

```
.text, #text, p{  
  color:rgb(146, 93, 86)  
}
```

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(146, 93, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.4481, 14.6116, 10.7048 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(146, 93, 86) }
```


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

```
.border{ border-color:rgb(146, 93, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 93, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 93, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 93, 86);  
box-shadow:4px 4px 4px 4px rgb(146, 93,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4481, 14.6116, 10.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 86) }
```

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

```
.background{ background-color: rgb(146, 93,  
86) }
```

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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