

Converting Colors

XYZ(17.4790, 14.4751, 14.1789)

Have a look what the booklet for
XYZ(17.4790, 14.4751, 14.1789)
contains.

XYZ(17.5038, 14.4335, 14.1753)	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(17.5038, 14.4335,
14.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5C65
RGB	143, 92, 101
RGB Percent	56%, 36%, 40%
CMY	0.4392, 0.6392, 0.6039
CMYK	0.00, 0.36, 0.29, 0.44
HSL	349°, 22%, 46%
HSV	349°, 36%, 56%
XYZ	17.5038, 14.4335, 14.1753
YIQ	108.2750, 27.5070, 13.6110

Conversions

Conversions Part 2

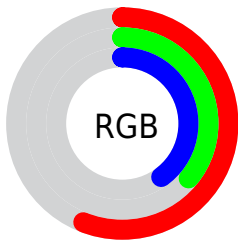
Format	Color
R_{YB}	143, 92, 101
Decimal	9395301
CIE _{Lab}	44.85, 22.19, 3.55
CIE _{LCh}	45, 22.473, 9.079
Yxy	14.4335, 0.3796, 0.3130
Android (android.graphics.Color)	4287585381 (0xFF8F5C65)
YUV	108.2750, -3.5866, 30.4538
Hunter-Lab	37.9914, 15.7553, 4.4718

Details

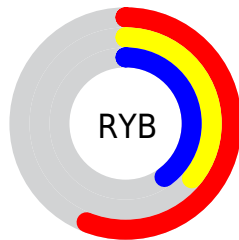
The XYZ color **17.5038, 14.4335, 14.1753** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5398, 23.6418, 26.1416**, and the grayscale version is **14.3358, 15.0823, 16.4247**.

A 20% lighter version of the original color is **38.7787, 33.9177, 34.2087**, and **5.9186, 4.3673, 4.0210** is the 20% darker color. If you saturate the color by 10%, you get **15.8437, 11.9715, 10.9761**, and if you desaturate by 10%, it is **19.4813, 17.3977, 17.8886**.

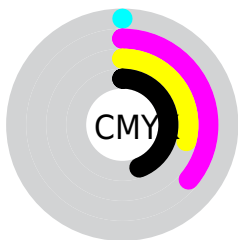
Distribution



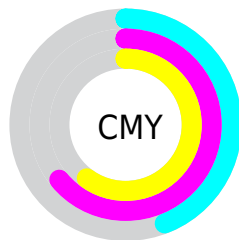
- Red (56%)
- Green (36%)
- Blue (40%)



- Red (56%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5038, 14.4335, 14.1753 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 17.5038, 14.4335, 14.1753 by changing the saturation by 10% instead.

■ 17.5038, 14.4335,
14.1753

■ 17.5038, 14.4335,
14.1753

231.1592,
219.9112, 229.7849

■ 10.6919, 8.4228,
8.1025

■ 38.7267, 33.8563,
34.1213

■ 5.9258, 4.3667,
4.0719

■ 53.8684, 48.0371,
48.8317

■ 2.8402, 1.8807,
1.6649

■ 72.5174, 65.7101,
67.2584

■ 1.0698, 0.5367,
0.3365

■ 95.0390, 87.2596,
89.8199

■ 0.0000, 0.0000,
0.0000

121.7987,
113.0701, 116.9347

153.1617,

143.5259, 149.0215

189.4934,
179.0115, 186.4987

■ 17.5038, 14.4335,
14.1753

■ 17.5038, 14.4335,
14.1753

■ 15.8437, 11.9715,
10.9761

■ 19.4813, 17.3977,
17.8886

■ 14.4830, 9.9817,
8.2674

■ 21.7903, 20.8876,
22.1366

■ 13.4040, 8.4344,
6.0248

■ 24.4459, 24.9278,
26.9396

■ 12.5863, 7.2955,
4.2215

■ 27.4614, 29.5407,
32.3169

■ 12.0068, 6.5259,
2.8281

■ 30.8498, 34.7474,
38.2866

■ 11.6337, 6.0698,
1.8094

■ 34.6232, 40.5681,
44.8662

■ 11.5057, 5.9108,
1.4672

■ 38.7934, 47.0218,
52.0722

■ 43.3714, 54.1270,
59.9207

■ 48.3680, 61.9011,
68.4273

Harmonies

Analogous

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



17.2832, 14.4335, 19.6049



17.5038, 14.4335, 14.1753



16.6422, 14.4335, 10.1701

Triad

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



17.5038, 14.4335, 14.1753



11.6135, 14.4335, 9.1071



12.4975, 14.4335, 27.1626

Complementary

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



17.5038, 14.4335, 14.1753



18.5398, 23.6418, 26.1416

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.



11.1592, 14.4335, 22.9806



17.5038, 14.4335, 14.1753



10.6813, 14.4335, 12.3781

Square

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



17.5038, 14.4335, 14.1753



13.1697, 14.4335, 7.7035



10.5227, 14.4335, 17.3637



14.2826, 14.4335, 27.9468

Rectangle

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



17.5038, 14.4335, 14.1753



15.6117, 14.4335, 8.5462



10.5227, 14.4335, 17.3637



11.9851, 14.4335, 26.0693

Sweetspot

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



17.5042, 14.4342, 14.1756



41.0514, 40.4871, 43.3282



18.5614, 14.6778, 27.8415



9.2857, 9.0896, 9.7037



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.



17.5042, 14.4342, 14.1756



28.8550, 22.1493, 20.5961



18.6383, 17.3698, 12.4964



5.4453, 5.4387, 5.8431



10.1791, 5.2286, 1.3284



0.1032, 0.0523, 0.0434

Inverse Universe

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



17.5042, 14.4342, 14.1756



28.8550, 22.1493, 20.5961



16.9421, 19.3990, 28.8381



5.4453, 5.4387, 5.8431



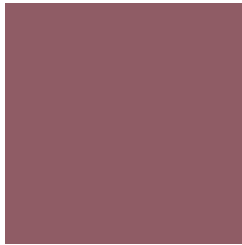
10.1791, 5.2286, 1.3284



0.1032, 0.0523, 0.0434

Previews

White Background



This preview shows how the XYZ color 17.5038, 14.4335, 14.1753 looks on a white background.

Color Contrast Check

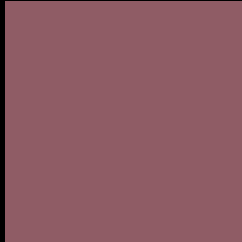
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5038, 14.4335, 14.1753 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 17.5038, 14.4335, 14.1753

Background



This preview shows how black text looks on a background with the XYZ color 17.5038, 14.4335, 14.1753.



This preview shows how white text looks on a background with the XYZ color 17.5038, 14.4335,

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

17.5038, 14.4335, 14.1753

Protanopia

14.0987, 14.6003, 16.5431

Deuteranopia

14.7101, 14.5233, 13.8323



Tritanopia

17.4070, 14.3948, 13.6654

Trichromacy



Original Color

17.5038, 14.4335, 14.1753

Protanomaly

15.1404, 14.4129, 15.6197

Deuteranomaly

15.6642, 14.4330, 14.0168

Tritanomaly

17.4551, 14.4140, 13.9188

Monochromacy



Original Color

17.5038, 14.4335, 14.1753

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1863, 14.5876, 15.3799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5038, 14.4335, 14.1753 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(143, 92, 101)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 101)  
}
```

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(143, 92, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.5038, 14.4335, 14.1753 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(143, 92, 101) }
```


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

```
.border{ border-color:rgb(143, 92, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 92, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 101);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5038, 14.4335, 14.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 101) }
```

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

```
.background{ background-color: rgb(143, 92,  
101) }
```

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