

Converting Colors

XYZ(17.1287, 13.9733, 17.9569)

Have a look what the booklet for
XYZ(17.1287, 13.9733, 17.9569)
contains.

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Color

**XYZ(17.1521, 14.0383,
18.0253)**

Conversions

Conversions Part 1

Format	Color
Hex	895B73
RGB	137, 91, 115
RGB Percent	54%, 36%, 45%
CMY	0.4627, 0.6431, 0.5490
CMYK	0.00, 0.34, 0.16, 0.46
HSL	329°, 20%, 45%
HSV	329°, 34%, 54%
XYZ	17.1521, 14.0383, 18.0253
YIQ	107.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

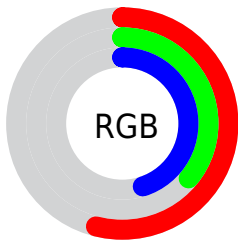
Format	Color
R_{YB}	137, 91, 115
Decimal	9001843
CIE _{Lab}	44.29, 22.69, -5.87
CIE _{LCh}	44, 23.437, 345.488
Yxy	14.0383, 0.3485, 0.2852
Android (android.graphics.Color)	4287191923 (0xFF895B73)
YUV	107.4900, 3.7024, 25.8803
Hunter-Lab	37.4677, 16.1458, -2.2964

Details

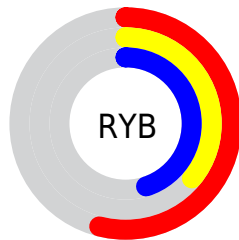
The XYZ color **17.1521, 14.0383, 18.0253** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2412, 21.3081, 18.8806**, and the grayscale version is **14.0978, 14.8320, 16.1520**.

A 20% lighter version of the original color is **38.1339, 33.2124, 40.9600**, and **5.7516, 4.1850, 5.8148** is the 20% darker color. If you saturate the color by 10%, you get **15.7224, 11.7610, 15.7541**, and if you desaturate by 10%, it is **18.8232, 16.7553, 20.5095**.

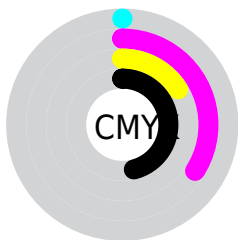
Distribution



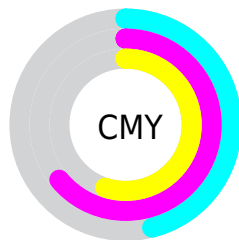
- Red (54%)
- Green (36%)
- Blue (45%)



- Red (54%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1521, 14.0383, 18.0253 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 17.1521, 14.0383, 18.0253 by changing the saturation by 10% instead.

■ 17.1521, 14.0383,
18.0253

■ 17.1521, 14.0383,
18.0253

229.1866,
217.4690, 253.2545

■ 10.4390, 8.1473,
10.7985

■ 38.1286, 33.1570,
40.8950

■ 5.7555, 4.1894,
5.8191

■ 53.1227, 47.1534,
57.3749

■ 2.7362, 1.7800,
2.6684

■ 71.6079, 64.6205,
77.7763

■ 1.0158, 0.4747,
0.9274

■ 93.9494, 85.9426,
102.5178

■ 0.0000, 0.0000,
0.0000

120.5127,
111.5041, 132.0178

151.6631,

141.6894, 166.6949

187.7659,
176.8829, 206.9676

■ 17.1521, 14.0383,
18.0253

■ 17.1521, 14.0383,
18.0253

■ 15.7224, 11.7610,
15.7541

■ 18.8232, 16.7553,
20.5095

■ 14.5208, 9.8978,
13.6884

■ 20.7459, 19.9318,
23.2124

■ 13.5343, 8.4238,
11.8210

■ 22.9310, 23.5886,
26.1402

■ 12.7480, 7.3102,
10.1442

■ 25.3886, 27.7450,
29.2988

■ 12.1453, 6.5245,
8.6494

■ 28.1281, 32.4188,
32.6938

■ 11.7057, 6.0269,
7.3266

■ 31.1583, 37.6273,
36.3305

■ 11.4692, 5.7795,
6.5525

■ 34.4879, 43.3867,
40.2142

■ 38.1250, 49.7127,
44.3497

■ 42.0775, 56.6203,
48.7420

Harmonies

Analogous

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



16.0866, 14.0383, 23.7400



17.1521, 14.0383, 18.0253



17.1333, 14.0383, 12.6872

Triad

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



17.1521, 14.0383, 18.0253



12.4019, 14.0383, 7.3296



10.9687, 14.0383, 23.9076

Complementary

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



17.1521, 14.0383, 18.0253



16.2412, 21.3081, 18.8806

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.



10.1575, 14.0383, 18.2160



17.1521, 14.0383, 18.0253



10.9305, 14.0383, 9.1222

Square

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



17.1521, 14.0383, 18.0253



14.2682, 14.0383, 7.3017



10.1442, 14.0383, 12.8381



12.4586, 14.0383, 27.6389

Rectangle

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



17.1521, 14.0383, 18.0253



16.5037, 14.0383, 10.0343



10.1442, 14.0383, 12.8381



10.6140, 14.0383, 22.1078

Sweetspot

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



17.1525, 14.0389, 18.0256



38.4110, 37.7927, 43.2819



14.9986, 12.7644, 25.3403



8.5120, 8.3042, 9.5680



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.



17.1525, 14.0389, 18.0256



28.8040, 22.0848, 29.2708



16.0133, 13.5833, 12.0264



5.1347, 5.0893, 5.7978



10.6896, 5.3859, 6.1356



0.0784, 0.0387, 0.0798

Inverse Universe

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



17.1525, 14.0389, 18.0256



28.8040, 22.0848, 29.2708



17.6666, 21.8782, 26.3863



5.1347, 5.0893, 5.7978



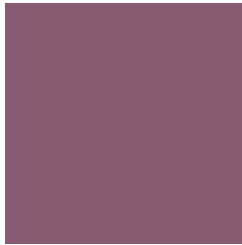
10.6896, 5.3859, 6.1356



0.0784, 0.0387, 0.0798

Previews

White Background



This preview shows how the XYZ color 17.1521, 14.0383, 18.0253 looks on a white background.

Color Contrast Check

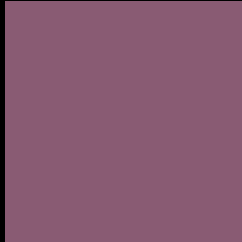
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1521, 14.0383, 18.0253 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 17.1521, 14.0383, 18.0253

Background



This preview shows how black text looks on a background with the XYZ color 17.1521, 14.0383, 18.0253.



This preview shows how white text looks on a background with the XYZ color 17.1521, 14.0383,

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

17.1521, 14.0383, 18.0253

Protanopia

13.8923, 14.0974, 20.7278

Deuteranopia

14.4141, 14.1397, 17.5923



Tritanopia

16.3433, 14.0959, 14.1713

Trichromacy



Original Color

17.1521, 14.0383, 18.0253

Protanomaly

14.7914, 13.8572, 19.6644

Deuteranomaly

15.2901, 14.0152, 17.8189

Tritanomaly

16.6692, 14.1035, 15.4794

Monochromacy



Original Color

17.1521, 14.0383, 18.0253

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9394, 14.2847, 16.7217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1521, 14.0383, 18.0253 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, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 91, 115)  
}
```

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, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 91, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.1521, 14.0383, 18.0253 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, 91, 115) }
```


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

```
.border{ border-color:rgb(137, 91, 115) }
```

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

Here you see how a box with a 4 pixel rgb(137, 91, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 91, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 91, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 91,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1521, 14.0383, 18.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 91, 115) }
```

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

```
.background{ background-color: rgb(137, 91,  
115) }
```

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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