

Converting Colors

XYZ(17.3074, 14.9233, 15.1267)

Have a look what the booklet for
XYZ(17.3074, 14.9233, 15.1267)
contains.

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Color

**XYZ(17.2546, 14.9521,
15.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6168
RGB	138, 97, 104
RGB Percent	54%, 38%, 41%
CMY	0.4588, 0.6196, 0.5922
CMYK	0.00, 0.30, 0.25, 0.46
HSL	350°, 17%, 46%
HSV	350°, 30%, 54%
XYZ	17.2546, 14.9521, 15.0733
YIQ	110.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

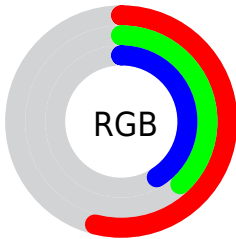
Format	Color
R_{YB}	138, 97, 104
Decimal	9068904
CIE Lab	45.57, 17.73, 2.69
CIE LCh	46, 17.934, 8.630
Yxy	14.9521, 0.3649, 0.3162
Android (android.graphics.Color)	4287258984 (0xFF8A6168)
YUV	110.0570, -2.9861, 24.5060
Hunter-Lab	38.6679, 11.9822, 3.9555

Details

The XYZ color **17.2546, 14.9521, 15.0733** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1156, 22.3574, 24.8344**, and the grayscale version is **14.8415, 15.6144, 17.0041**.

A 20% lighter version of the original color is **38.2445, 34.7528, 35.7026**, and **5.8096, 4.6028, 4.4531** is the 20% darker color. If you saturate the color by 10%, you get **15.5463, 12.4034, 11.8278**, and if you desaturate by 10%, it is **19.2645, 17.9774, 18.8090**.

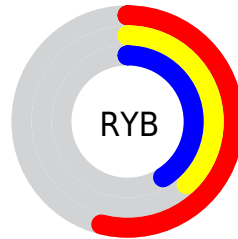
Distribution



Red (54%)

Green (38%)

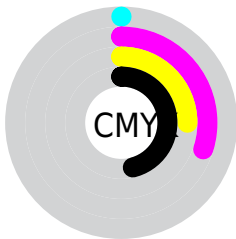
Blue (41%)



Red (54%)

Yellow (38%)

Blue (41%)

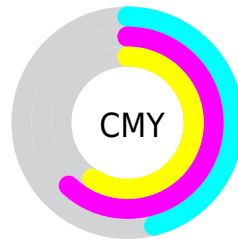


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2546, 14.9521, 15.0733 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 17.2546, 14.9521, 15.0733 by changing the saturation by 10% instead.

■ 17.2546, 14.9521,
15.0733

■ 17.2546, 14.9521,
15.0733

229.7631,
223.0761, 235.4655

■ 10.5126, 8.7858,
8.7237

■ 38.3031, 34.7691,
35.7258

■ 5.8050, 4.6017,
4.4670

■ 53.3404, 49.1886,
50.8658

■ 2.7664, 2.0155,
1.8849

■ 71.8734, 67.1280,
69.7730

■ 1.0315, 0.6165,
0.4831

■ 94.2676, 88.9715,
92.8659

■ 0.0000, 0.0000,
0.0000

120.8883,
115.1037, 120.5630

152.1009,

145.9090, 153.2830

188.2707,
181.7716, 191.4443

■ 17.2546, 14.9521,
15.0733

■ 17.2546, 14.9521,
15.0733

■ 15.5463, 12.4034,
11.8278

■ 19.2645, 17.9774,
18.8090

■ 14.1237, 10.3051,
9.0512

■ 21.5884, 21.4998,
23.0531

■ 12.9713, 8.6313,
6.7217

■ 24.2395, 25.5409,
27.8243

■ 12.0717, 7.3531,
4.8157

■ 27.2298, 30.1208,
33.1398

■ 11.4052, 6.4374,
3.3072

■ 30.5709, 35.2581,
39.0161

■ 10.9494, 5.8462,
2.1674

■ 34.2737, 40.9709,
45.4690

■ 10.6494, 5.4775,
1.3540

■ 38.3486, 47.2761,
52.5138

■ 10.6415, 5.4674,
1.3344

■ 42.8056, 54.1902,
60.1649

■ 47.6544, 61.7289,
68.4365

Harmonies

Analogous

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



17.0670, 14.9521, 19.4759



17.2546, 14.9521, 15.0733



16.5832, 14.9521, 11.6533

Triad

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



17.2546, 14.9521, 15.0733



12.4877, 14.9521, 10.6477



13.1873, 14.9521, 25.2367

Complementary

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



17.2546, 14.9521, 15.0733



18.1156, 22.3574, 24.8344

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.



12.0775, 14.9521, 21.9939



17.2546, 14.9521, 15.0733



11.6938, 14.9521, 13.4549

Square

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



17.2546, 14.9521, 15.0733



13.7836, 14.9521, 9.4091



11.5491, 14.9521, 17.5501



14.6482, 14.9521, 25.8768

Rectangle

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



17.2546, 14.9521, 15.0733



15.7647, 14.9521, 10.2025



11.5491, 14.9521, 17.5501



12.7638, 14.9521, 24.3906

Sweetspot

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



17.2550, 14.9528, 15.0736



38.2798, 38.2415, 41.0456



18.1429, 15.1692, 26.0166



8.4604, 8.3865, 8.9787



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.



17.2550, 14.9528, 15.0736



28.2344, 23.0991, 22.4421



18.2135, 17.4152, 13.7116



5.0655, 5.0616, 5.4332



9.7608, 5.0144, 1.2448



0.0686, 0.0348, 0.0281

Inverse Universe

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



17.2550, 14.9528, 15.0736



28.2344, 23.0991, 22.4421



16.8535, 19.0483, 26.8333



5.0655, 5.0616, 5.4332



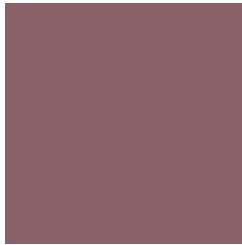
9.7608, 5.0144, 1.2448



0.0686, 0.0348, 0.0281

Previews

White Background



This preview shows how the XYZ color 17.2546, 14.9521, 15.0733 looks on a white background.

Color Contrast Check

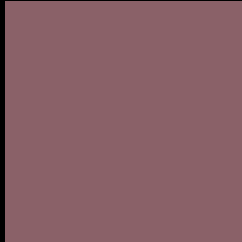
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2546, 14.9521, 15.0733 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 17.2546, 14.9521, 15.0733

Background



This preview shows how black text looks on a background with the XYZ color 17.2546, 14.9521, 15.0733.



This preview shows how white text looks on a background with the XYZ color 17.2546, 14.9521,

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

17.2546, 14.9521, 15.0733

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

15.2837, 14.9448, 14.9111



Tritanopia

17.2546, 14.9521, 15.0733

Trichromacy



Original Color

17.2546, 14.9521, 15.0733

Protanomaly

15.4028, 14.9764, 16.2663

Deuteranomaly

15.8543, 14.7987, 14.8528

Tritanomaly

17.2546, 14.9521, 15.0733

Monochromacy



Original Color

17.2546, 14.9521, 15.0733

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.5041, 15.1789, 16.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2546, 14.9521, 15.0733 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(138, 97, 104)` looks like.

```
.text, #text, p{  
    color:rgb(138, 97, 104)  
}
```

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(138, 97, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 97, 104) }
```

Border

The CSS property to change the border of an element to XYZ 17.2546, 14.9521, 15.0733 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(138, 97, 104) }
```


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

```
.border{ border-color:rgb(138, 97, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 97, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 97, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 97, 104); box-shadow:4px 4px 4px 4px rgb(138, 97, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2546, 14.9521, 15.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 97, 104) }
```

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

```
.background{ background-color: rgb(138, 97,  
104) }
```

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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