

Converting Colors

XYZ(17.2698, 15.2687, 9.6981)

Have a look what the booklet for
XYZ(17.2698, 15.2687, 9.6981)
contains.

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Color

**XYZ(17.1433, 15.1542,
9.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6250
RGB	143, 98, 80
RGB Percent	56%, 38%, 31%
CMY	0.4392, 0.6157, 0.6863
CMYK	0.00, 0.31, 0.44, 0.44
HSL	17°, 28%, 44%
HSV	17°, 44%, 56%
XYZ	17.1433, 15.1542, 9.6109
YIQ	109.4030, 32.5980, 3.9420

Conversions

Conversions Part 2

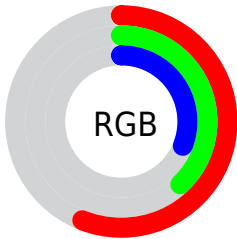
Format	Color
R_{YB}	143, 105, 80
Decimal	9396816
CIE _{Lab}	45.84, 15.93, 17.58
CIE _{LCh}	46, 23.724, 47.817
Yxy	15.1542, 0.4091, 0.3616
Android (android.graphics.Color)	4287586896 (0xFF8F6250)
YUV	109.4030, -14.4957, 29.4646
Hunter-Lab	38.9284, 10.4832, 12.6120

Details

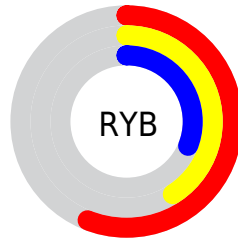
The XYZ color **17.1433, 15.1542, 9.6109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5994, 18.3549, 28.7071**, and the grayscale version is **14.6842, 15.4489, 16.8239**.

A 20% lighter version of the original color is **37.9986, 35.0856, 25.5383**, and **5.7036, 4.6627, 2.1895** is the 20% darker color. If you saturate the color by 10%, you get **15.7748, 13.1746, 6.8197**, and if you desaturate by 10%, it is **18.7471, 17.4242, 13.0357**.

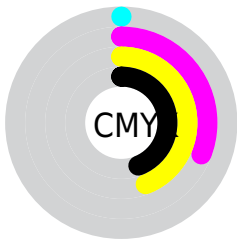
Distribution



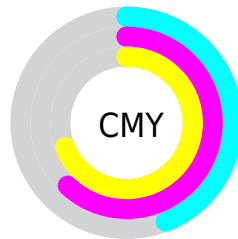
- Red (56%)
- Green (38%)
- Blue (31%)



- Red (56%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1433, 15.1542, 9.6109 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 17.1433, 15.1542, 9.6109 by changing the saturation by 10% instead.

■ 17.1433, 15.1542,
9.6109

■ 17.1433, 15.1542,
9.6109

229.1370,
224.2977, 198.2548

■ 10.4327, 8.9277,
5.0395

■ 38.1136, 35.1235,
25.6573

■ 5.7512, 4.6940,
2.2113

■ 53.1040, 49.6350,
37.9694

■ 2.7336, 2.0689,
0.6809

■ 71.5851, 67.6770,
53.6988

■ 1.0145, 0.6470,
0.0000

■ 93.9221, 89.6338,
73.2641

■ 0.0000, 0.0000,
0.0000

■ 120.4804,
115.8899, 97.0839

151.6254,

146.8297, 125.5765

187.7225,
182.8375, 159.1607

■ 17.1433, 15.1542,
9.6109

■ 17.1433, 15.1542,
9.6109

■ 15.7748, 13.1746,
6.8197

■ 18.7471, 17.4242,
13.0357

■ 14.6285, 11.4711,
4.6216

■ 20.5958, 19.9938,
17.1292

■ 13.6920, 10.0315,
2.9732

■ 22.7000, 22.8742,
21.9250

■ 12.9509, 8.8418,
1.8242

■ 25.0694, 26.0756,
27.4542

■ 12.3882, 7.8862,
1.1134

■ 27.7130, 29.6077,
33.7460

■ 12.1159, 7.4162,
0.7929

■ 30.6394, 33.4797,
40.8279

■ 33.8569, 37.7006,
48.7262

■ 37.3733, 42.2788,
57.4659

■ 41.1964, 47.2226,
67.0709

Harmonies

Analogous

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



18.3837, 15.1542, 13.3547



17.1433, 15.1542, 9.6109



15.2305, 15.1542, 7.9065

Triad

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



17.1433, 15.1542, 9.6109



10.9622, 15.1542, 14.2836



15.6126, 15.1542, 29.3633

Complementary

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



17.1433, 15.1542, 9.6109



15.5994, 18.3549, 28.7071

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.



13.6072, 15.1542, 29.7766



17.1433, 15.1542, 9.6109



11.0439, 15.1542, 20.1048

Square

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



17.1433, 15.1542, 9.6109



11.7378, 15.1542, 10.1547



11.9726, 15.1542, 26.0807



17.4452, 15.1542, 25.0558

Rectangle

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



17.1433, 15.1542, 9.6109



13.8869, 15.1542, 7.8176



11.9726, 15.1542, 26.0807



14.9330, 15.1542, 29.9931

Sweetspot

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



17.1437, 15.1549, 9.6112



40.9664, 41.3909, 39.9894



17.9076, 13.0615, 21.0296



9.2095, 9.2402, 8.7439



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.



17.1437, 15.1549, 9.6112



28.2357, 23.5723, 12.1840



20.6720, 22.2116, 10.7873



5.5266, 5.6595, 5.6905



10.7290, 6.5897, 0.7065



0.1195, 0.0968, 0.0124

Inverse Universe

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



15.5994, 18.3549, 28.7071



25.0746, 30.0401, 51.0148



12.2379, 11.6321, 27.5866



5.4318, 5.8594, 6.8735



8.6149, 10.2159, 24.4949



0.1012, 0.1354, 0.2405

Previews

White Background



This preview shows how the XYZ color 17.1433, 15.1542, 9.6109 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 17.1433, 15.1542, 9.6109 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 17.1433, 15.1542, 9.6109

Background



This preview shows how black text looks on a background with the XYZ color 17.1433, 15.1542, 9.6109.



This preview shows how white text looks on a background with the XYZ color 17.1433, 15.1542,

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

17.1433, 15.1542, 9.6109

Protanopia

14.3108, 15.3062, 10.7945

Deuteranopia

15.4149, 15.1323, 9.5055



Tritanopia

18.1675, 15.1635, 14.5397

Trichromacy



Original Color

17.1433, 15.1542, 9.6109

Protanomaly

15.2171, 15.1633, 10.3084

Deuteranomaly

15.9942, 15.1356, 9.4756

Tritanomaly

17.7049, 15.1032, 12.5717

Monochromacy



Original Color

17.1433, 15.1542, 9.6109

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1413, 15.0499, 13.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1433, 15.1542, 9.6109 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, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 80)  
}
```

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, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 80) }
```

Border

The CSS property to change the border of an element to XYZ 17.1433, 15.1542, 9.6109 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, 98, 80) }
```


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

```
.border{ border-color:rgb(143, 98, 80) }
```

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

Here you see how a box with a 4 pixel rgb(143, 98, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1433, 15.1542, 9.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 80) }
```

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

```
.background{ background-color: rgb(143, 98,  
80) }
```

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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