

Converting Colors

XYZ(17.8157, 14.9414, 10.3325)

Have a look what the booklet for
XYZ(17.8157, 14.9414, 10.3325)
contains.

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Color

**XYZ(17.8157, 14.9414,
10.3325)**

Conversions

Conversions Part 1

Format	Color
Hex	945E54
RGB	148, 94, 84
RGB Percent	58%, 37%, 33%
CMY	0.4196, 0.6314, 0.6706
CMYK	0.00, 0.36, 0.43, 0.42
HSL	9°, 28%, 45%
HSV	9°, 43%, 58%
XYZ	17.8157, 14.9414, 10.3325
YIQ	109.0060, 35.3940, 8.3380

Conversions

Conversions Part 2

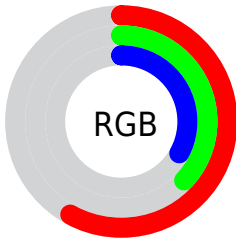
Format	Color
R_{YB}	148, 96, 84
Decimal	9723476
CIE Lab	45.55, 20.83, 14.90
CIE LCh	46, 25.612, 35.581
Yxy	14.9414, 0.4135, 0.3468
Android (android.graphics.Color)	4287913556 (0xFF945E54)
YUV	109.0060, -12.3280, 34.1977
Hunter-Lab	38.6541, 14.6261, 11.2093

Details

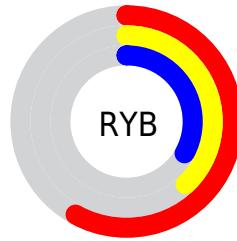
The XYZ color **17.8157, 14.9414, 10.3325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0896, 22.1990, 31.3484**, and the grayscale version is **14.5647, 15.3232, 16.6870**.

A 20% lighter version of the original color is **39.3303, 34.8094, 27.2002**, and **6.1020, 4.6124, 2.4881** is the 20% darker color. If you saturate the color by 10%, you get **16.2742, 12.6901, 7.2547**, and if you desaturate by 10%, it is **19.6601, 17.6025, 14.1159**.

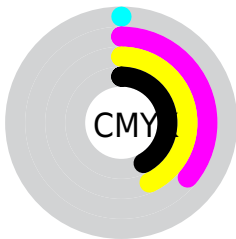
Distribution



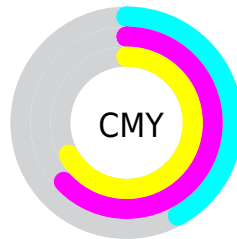
- Red (58%)
- Green (37%)
- Blue (33%)



- Red (58%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (42%)





- Cyan (42%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8157, 14.9414, 10.3325 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 17.8157, 14.9414, 10.3325 by changing the saturation by 10% instead.


 17.8157, 14.9414,
10.3325


 17.8157, 14.9414,
10.3325


232.8959,
223.0113, 203.5993


 10.9166, 8.7783,
5.5115


 39.2556, 34.7503,
27.0366


 6.0777, 4.5968,
2.4864


 54.5271, 49.1649,
39.7567


 2.9335, 2.0127,
0.8330

 73.3202, 67.0988,
55.9470

 1.1187, 0.6148,
0.0000

 96.0001, 88.9364,
76.0260

 0.0407, 0.0000,
0.0000

 122.9323,
115.0620, 100.4121

 0.0000, 0.0000,
0.0000

154.4821,

145.8601, 129.5240

191.0149,
181.7151, 163.7802

■ 17.8157, 14.9414,
10.3325

■ 17.8157, 14.9414,
10.3325

■ 16.2742, 12.6901,
7.2547

■ 19.6601, 17.6025,
14.1159

■ 15.0181, 10.8260,
4.8377

■ 21.8215, 20.6900,
18.6442

■ 14.0297, 9.3278,
3.0331

■ 24.3143, 24.2226,
23.9546

■ 13.2889, 8.1709,
1.7852

■ 27.1517, 28.2168,
30.0818

■ 12.7726, 7.3279,
1.0284

■ 30.3464, 32.6887,
37.0583

■ 12.5218, 6.9140,
0.6746

■ 33.9102, 37.6532,
44.9147

■ 37.8545, 43.1248,
53.6805

■ 42.1900, 49.1173,
63.3832

■ 46.9273, 55.6442,
74.0498

Harmonies

Analogous

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



18.7005, 14.9414, 15.1498



17.8157, 14.9414, 10.3325



15.9703, 14.9414, 7.7278

Triad

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



17.8157, 14.9414, 10.3325



10.7760, 14.9414, 11.8690



14.6051, 14.9414, 31.0326

Complementary

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



17.8157, 14.9414, 10.3325



18.0896, 22.1990, 31.3484

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.



12.5681, 14.9414, 29.5231



17.8157, 14.9414, 10.3325



10.4888, 14.9414, 17.4413

Square

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



17.8157, 14.9414, 10.3325



11.9402, 14.9414, 8.4464



11.1122, 14.9414, 24.1296



16.7313, 14.9414, 27.8513

Rectangle

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



17.8157, 14.9414, 10.3325



14.5206, 14.9414, 7.1241



11.1122, 14.9414, 24.1296



13.8868, 14.9414, 31.0646

Sweetspot

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



17.8161, 14.9421, 10.3328



42.8934, 42.7283, 42.2497



19.9996, 14.4833, 25.9384



9.5755, 9.4486, 9.1817



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.8161, 14.9421, 10.3328



28.7655, 22.4653, 12.8996



21.2229, 21.7557, 11.4684



5.8697, 5.9531, 6.0802



10.7095, 5.9335, 0.5808



0.1450, 0.1004, 0.0117

Inverse Universe

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



18.0896, 22.1990, 31.3484



29.2929, 36.9730, 55.0272



14.1969, 14.4138, 30.0509



5.8877, 6.4094, 7.3966



10.8316, 14.3580, 26.1315



0.1493, 0.2092, 0.3254

Previews

White Background



This preview shows how the XYZ color 17.8157, 14.9414, 10.3325 looks on a white background.

Color Contrast Check

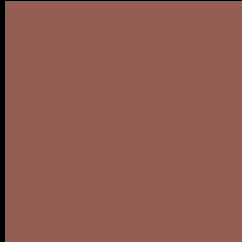
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8157, 14.9414, 10.3325 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 17.8157, 14.9414, 10.3325

Background



This preview shows how black text looks on a background with the XYZ color 17.8157, 14.9414, 10.3325.



This preview shows how white text looks on a background with the XYZ color 17.8157, 14.9414,

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

17.8157, 14.9414, 10.3325

Protanopia

14.1903, 15.0579, 12.0561

Deuteranopia

15.2257, 15.0219, 10.0797



Tritanopia

18.4737, 14.9447, 13.7153

Trichromacy



Original Color

17.8157, 14.9414, 10.3325

Protanomaly

15.2159, 14.8407, 11.2951

Deuteranomaly

16.1102, 14.8898, 10.2085

Tritanomaly

18.3292, 15.0264, 12.5240

Monochromacy



Original Color

17.8157, 14.9414, 10.3325

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4189, 15.0317, 14.1453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8157, 14.9414, 10.3325 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(148, 94, 84)` looks like.

```
.text, #text, p{  
    color:rgb(148, 94, 84)  
}
```

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(148, 94, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 94, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.8157, 14.9414, 10.3325 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(148, 94, 84) }
```


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

```
.border{ border-color:rgb(148, 94, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 94, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 94, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 94, 84);  
box-shadow:4px 4px 4px 4px rgb(148, 94,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8157, 14.9414, 10.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 94, 84) }
```

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

```
.background{ background-color: rgb(148, 94,  
84) }
```

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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