

Converting Colors

XYZ(17.8699, 14.9709, 12.3707)

Have a look what the booklet for
XYZ(17.8699, 14.9709, 12.3707)
contains.

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Color

**XYZ(17.8325, 14.9067,
12.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	925E5D
RGB	146, 94, 93
RGB Percent	57%, 37%, 36%
CMY	0.4275, 0.6314, 0.6353
CMYK	0.00, 0.36, 0.36, 0.43
HSL	1°, 22%, 47%
HSV	1°, 36%, 57%
XYZ	17.8325, 14.9067, 12.2933
YIQ	109.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

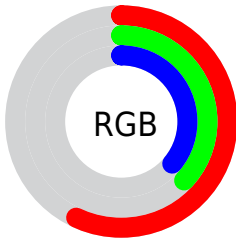
Format	Color
R_{YB}	146, 94, 93
Decimal	9592413
CIE _{Lab}	45.51, 21.13, 9.38
CIE _{LCh}	46, 23.115, 23.943
Yxy	14.9067, 0.3960, 0.3310
Android (android.graphics.Color)	4287782493 (0xFF925E5D)
YUV	109.4340, -8.1020, 32.0684
Hunter-Lab	38.6092, 14.8780, 8.1483

Details

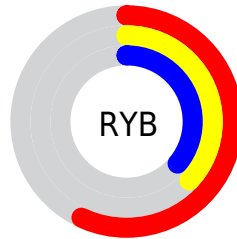
The XYZ color **17.8325, 14.9067, 12.2933** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8274, 24.6522, 30.9074**, and the grayscale version is **14.6756, 15.4399, 16.8141**.

A 20% lighter version of the original color is **39.1707, 34.6515, 30.6105**, and **6.0438, 4.5654, 3.2520** is the 20% darker color. If you saturate the color by 10%, you get **16.0889, 12.3574, 8.8205**, and if you desaturate by 10%, it is **19.9368, 17.9796, 16.4958**.

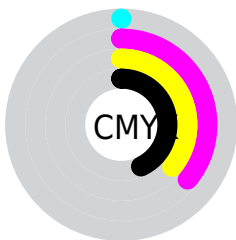
Distribution



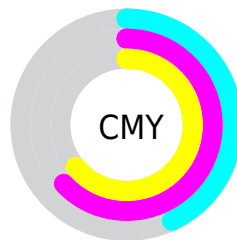
- Red (57%)
- Green (37%)
- Blue (36%)



- Red (57%)
- Yellow (37%)
- Blue (36%)



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



- Cyan (43%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8325, 14.9067, 12.2933 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 17.8325, 14.9067, 12.2933 by changing the saturation by 10% instead.

■ 17.8325, 14.9067,
12.2933

■ 17.8325, 14.9067,
12.2933

232.9891,
222.8008, 217.3838

■ 10.9288, 8.7539,
6.8188

■ 39.2840, 34.6894,
30.7005

■ 6.0859, 4.5810,
3.2723

■ 54.5625, 49.0882,
44.4703

■ 2.9385, 2.0036,
1.2353

■ 73.3633, 67.0044,
61.8423

■ 1.1213, 0.6096,
0.0079

■ 96.0517, 88.8224,
83.2350

■ 0.0429, 0.0000,
0.0000

122.9932,
114.9266, 109.0670

■ 0.0000, 0.0000,
0.0000

154.5530,

145.7015, 139.7567

191.0965,
181.5315, 175.7228

■ 17.8325, 14.9067,
12.2933

■ 17.8325, 14.9067,
12.2933

■ 16.0889, 12.3574,
8.8205

■ 19.9368, 17.9796,
16.4958

■ 14.6846, 10.3006,
6.0350

■ 22.4191, 21.6006,
21.4653

■ 13.5979, 8.7050,
3.8915

■ 25.2971, 25.7955,
27.2377

■ 12.8041, 7.5351,
2.3388

■ 28.5872, 30.5877,
33.8463

■ 12.2746, 6.7502,
1.3178

■ 32.3046, 35.9993,
41.3226

■ 11.9711, 6.2978,
0.7397

■ 36.4638, 42.0512,
49.6963

■ 11.8840, 6.1710,
0.5648

■ 41.0787, 48.7636,
58.9959

■ 46.1626, 56.1554,
69.2485

■ 51.7282, 64.2450,
80.4802

Harmonies

Analogous

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



18.1824, 14.9067, 17.3767



17.8325, 14.9067, 12.2933



16.4635, 14.9067, 9.0736

Triad

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



17.8325, 14.9067, 12.2933



11.3786, 14.9067, 10.7510



13.7809, 14.9067, 29.2382

Complementary

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



17.8325, 14.9067, 12.2933



19.8274, 24.6522, 30.9074

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.



12.0971, 14.9067, 26.4121



17.8325, 14.9067, 12.2933



10.7934, 14.9067, 15.1366

Square

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



17.8325, 14.9067, 12.2933



12.7170, 14.9067, 8.3347



11.0440, 14.9067, 20.9305



15.7262, 14.9067, 27.9919

Rectangle

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



17.8325, 14.9067, 12.2933



15.2183, 14.9067, 8.0186



11.0440, 14.9067, 20.9305



13.1679, 14.9067, 28.7161

Sweetspot

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



17.8329, 14.9074, 12.2936



42.0392, 41.7350, 42.8579



20.8882, 15.9877, 28.8202



9.2195, 9.0912, 9.2684



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.



17.8329, 14.9074, 12.2936



28.7796, 22.3806, 16.3495



20.5925, 20.4267, 13.2135



5.8091, 5.8319, 6.0600



10.4600, 5.4343, 0.4976



0.1298, 0.0700, 0.0067

Inverse Universe

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



19.8274, 24.6522, 30.9074



32.8552, 42.3002, 54.4067



16.2539, 17.5051, 29.7162



5.9548, 6.5436, 7.4189



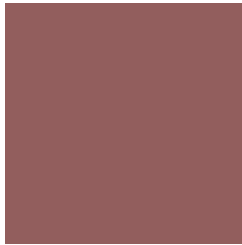
13.2427, 19.1802, 26.9352



0.1645, 0.2396, 0.3305

Previews

White Background



This preview shows how the XYZ color 17.8325, 14.9067, 12.2933 looks on a white background.

Color Contrast Check

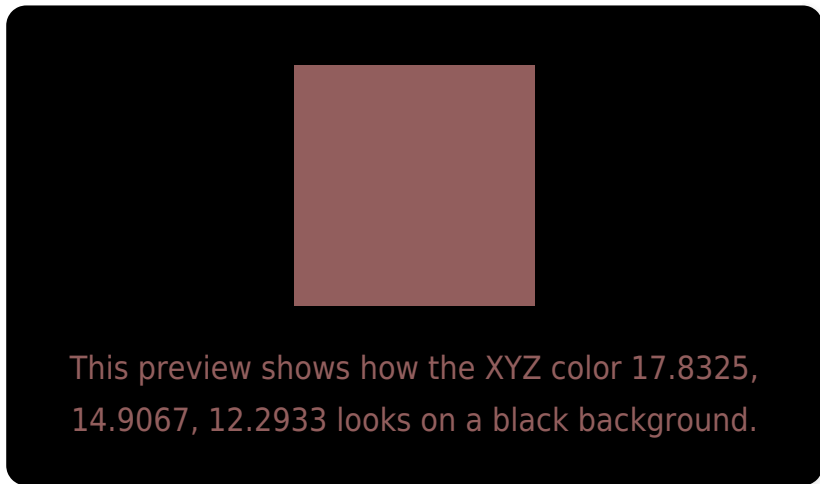
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.8325, 14.9067, 12.2933

Background



This preview shows how black text looks on a background with the XYZ color 17.8325, 14.9067, 12.2933.

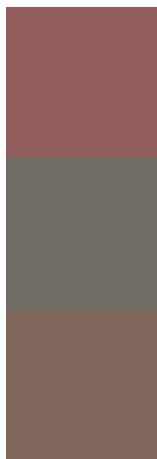


This preview shows how white text looks on a background with the XYZ color 17.8325, 14.9067,

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

17.8325, 14.9067, 12.2933

Protanopia

14.3449, 15.0900, 14.2132

Deuteranopia

15.2961, 15.0159, 11.9897



Tritanopia

18.2472, 14.9518, 13.9809

Trichromacy



Original Color

17.8325, 14.9067, 12.2933

Protanomaly

15.3201, 14.8486, 13.3679

Deuteranomaly

16.1618, 14.8736, 12.1443

Tritanomaly

18.1046, 14.8948, 13.2300

Monochromacy



Original Color

17.8325, 14.9067, 12.2933

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4245, 15.0175, 14.9177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8325, 14.9067, 12.2933 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(146, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(146, 94, 93)  
}
```

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(146, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 94, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.8325, 14.9067, 12.2933 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(146, 94, 93) }
```


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

```
.border{ border-color:rgb(146, 94, 93) }
```

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

Here you see how a box with a 4 pixel rgb(146, 94, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(146, 94,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8325, 14.9067, 12.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 94, 93) }
```

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

```
.background{ background-color: rgb(146, 94,  
93) }
```

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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