

Converting Colors

XYZ(17.1184, 14.3959, 8.3554)

Have a look what the booklet for
XYZ(17.1184, 14.3959, 8.3554)
contains.

XYZ(17.0958, 14.3517, 8.3477)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0958, 14.3517,
8.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	935C4A
RGB	147, 92, 74
RGB Percent	58%, 36%, 29%
CMY	0.4235, 0.6392, 0.7098
CMYK	0.00, 0.37, 0.50, 0.42
HSL	15°, 33%, 43%
HSV	15°, 50%, 58%
XYZ	17.0958, 14.3517, 8.3477
YIQ	106.3930, 38.5580, 6.0620

Conversions

Conversions Part 2

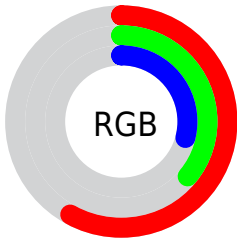
Format	Color
R_{YB}	147, 98, 74
Decimal	9657418
CIE Lab	44.73, 20.46, 19.75
CIE LCh	45, 28.437, 43.986
Yxy	14.3517, 0.4296, 0.3606
Android (android.graphics.Color)	4287847498 (0xFF935C4A)
YUV	106.3930, -15.9697, 35.6123
Hunter-Lab	37.8836, 14.2556, 13.4539

Details

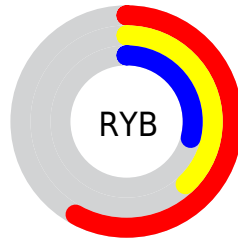
The XYZ color **17.0958, 14.3517, 8.3477** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9405, 19.2622, 30.4816**, and the grayscale version is **13.8429, 14.5638, 15.8600**.

A 20% lighter version of the original color is **38.0262, 33.7715, 23.2532**, and **5.6869, 4.2977, 1.7581** is the 20% darker color. If you saturate the color by 10%, you get **15.7670, 12.3963, 5.7404**, and if you desaturate by 10%, it is **18.6813, 16.6354, 11.6118**.

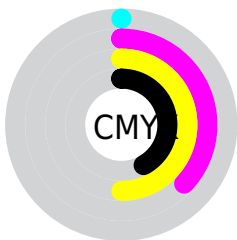
Distribution



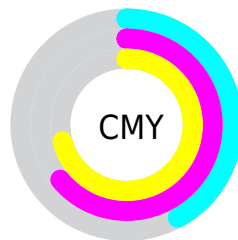
- Red (58%)
- Green (36%)
- Blue (29%)



- Red (58%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0958, 14.3517, 8.3477 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 17.0958, 14.3517, 8.3477 by changing the saturation by 10% instead.

■ 17.0958, 14.3517,
8.3477

■ 17.0958, 14.3517,
8.3477

228.8693,
219.4079, 188.4696

■ 10.3985, 8.3657,
4.2273

■ 38.0327, 33.7118,
23.1946

■ 5.7283, 4.3298,
1.7508

■ 53.0031, 47.8546,
34.7582

■ 2.7197, 1.8597,
0.3952

■ 71.4618, 65.4852,
49.6400

■ 1.0073, 0.5240,
0.0000

■ 93.7744, 86.9879,
68.2584

■ 0.0000, 0.0000,
0.0000

■ 120.3060,
112.7472, 91.0320

151.4222,

143.1473, 118.3794

187.4882,
178.5728, 150.7191

■ 17.0958, 14.3517,
8.3477

■ 17.0958, 14.3517,
8.3477

■ 15.7670, 12.3963,
5.7404

■ 18.6813, 16.6354,
11.6118

■ 14.6797, 10.7516,
3.7441

■ 20.5356, 19.2596,
15.5729

■ 13.8184, 9.4016,
2.3081


■ 22.6712, 22.2385,
20.2686


■ 13.1652, 8.3280,
1.3731


■ 25.0994, 25.5847,
25.7338


■ 12.6855, 7.5044,
0.7943


■ 27.8310, 29.3104,
32.0010

 12.6712, 7.4801,
0.7760

 30.8762, 33.4271,
39.1009

 34.2448, 37.9458,
47.0626

 37.9459, 42.8771,
55.9138

 41.9885, 48.2312,
65.6809

Harmonies

Analogous

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



18.4251, 14.3517, 12.7471



17.0958, 14.3517, 8.3477



14.9043, 14.3517, 6.3058

Triad

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



17.0958, 14.3517, 8.3477



9.7986, 14.3517, 12.3710



14.7437, 14.3517, 31.5216

Complementary

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



17.0958, 14.3517, 8.3477



15.9405, 19.2622, 30.4816

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.



12.4509, 14.3517, 31.3358



17.0958, 14.3517, 8.3477



9.7660, 14.3517, 18.9099

Square

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



17.0958, 14.3517, 8.3477



10.7807, 14.3517, 8.1397



10.6859, 14.3517, 26.2405



16.9668, 14.3517, 26.6931

Rectangle

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



17.0958, 14.3517, 8.3477



13.3342, 14.3517, 6.0562



10.6859, 14.3517, 26.2405



13.9522, 14.3517, 32.0782

Sweetspot

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



17.0962, 14.3524, 8.3480



42.4273, 42.3511, 40.3836



18.5085, 12.7116, 22.5855



9.4988, 9.4105, 8.8006



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.



17.0962, 14.3524, 8.3480



27.9019, 21.6999, 9.6469



20.9272, 22.0144, 9.6250



5.9101, 6.0340, 6.0936



11.0025, 6.5194, 0.6785



0.1550, 0.1204, 0.0151

Inverse Universe

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



15.9405, 19.2622, 30.4816



25.5403, 31.5066, 54.1698



12.0461, 11.4735, 29.1835



5.8442, 6.3224, 7.3821



9.4900, 11.6748, 25.6843



0.1393, 0.1892, 0.3221

Previews

White Background



This preview shows how the XYZ color 17.0958, 14.3517, 8.3477 looks on a white background.

Color Contrast Check

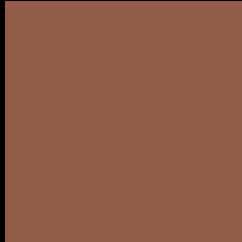
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0958, 14.3517, 8.3477 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 17.0958, 14.3517, 8.3477

Background



This preview shows how black text looks on a background with the XYZ color 17.0958, 14.3517, 8.3477.



This preview shows how white text looks on a background with the XYZ color 17.0958, 14.3517,

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

17.0958, 14.3517, 8.3477

Protanopia

13.5414, 14.4647, 9.6677

Deuteranopia

14.6735, 14.4826, 8.1529



Tritanopia

18.0781, 14.3788, 12.8889

Trichromacy



Original Color

17.0958, 14.3517, 8.3477

Protanomaly

14.6330, 14.2930, 9.1953

Deuteranomaly

15.4018, 14.2847, 8.2488

Tritanomaly

17.6304, 14.3128, 11.0659

Monochromacy



Original Color

17.0958, 14.3517, 8.3477

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.5592, 14.1805, 12.5594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0958, 14.3517, 8.3477 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(147, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(147, 92, 74)  
}
```

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(147, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 92, 74) }
```

Border

The CSS property to change the border of an element to XYZ 17.0958, 14.3517, 8.3477 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(147, 92, 74) }
```


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

```
.border{ border-color:rgb(147, 92, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 92, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(147, 92,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0958, 14.3517, 8.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 92, 74) }
```

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

```
.background{ background-color: rgb(147, 92,  
74) }
```

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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