

Converting Colors

XYZ(16.7883, 14.9114, 8.4966)

Have a look what the booklet for
XYZ(16.7883, 14.9114, 8.4966)
contains.

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Color

**XYZ(16.6661, 14.7946,
8.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	8E614A
RGB	142, 97, 74
RGB Percent	56%, 38%, 29%
CMY	0.4431, 0.6196, 0.7098
CMYK	0.00, 0.32, 0.48, 0.44
HSL	20°, 31%, 42%
HSV	20°, 48%, 56%
XYZ	16.6661, 14.7946, 8.4558
YIQ	107.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

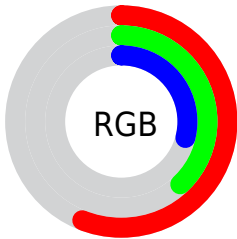
Format	Color
R_{YB}	142, 109, 74
Decimal	9331018
CIE _{Lab}	45.35, 15.41, 20.45
CIE _{LCh}	45, 25.606, 53.000
Yxy	14.7946, 0.4175, 0.3706
Android (android.graphics.Color)	4287521098 (0xFF8E614A)
YUV	107.8330, -16.6797, 29.9645
Hunter-Lab	38.4637, 10.0314, 13.8904

Details

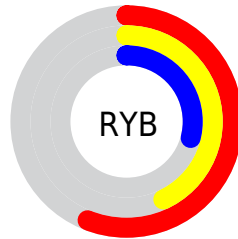
The XYZ color **16.6661, 14.7946, 8.4558** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3031, 16.6019, 28.0419**, and the grayscale version is **14.2459, 14.9878, 16.3218**.

A 20% lighter version of the original color is **37.4538, 34.6156, 23.4464**, and **5.4948, 4.4988, 1.8070** is the 20% darker color. If you saturate the color by 10%, you get **15.4233, 12.9901, 5.9419**, and if you desaturate by 10%, it is **18.1205, 16.8495, 11.5734**.

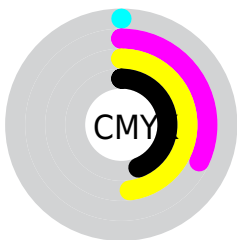
Distribution



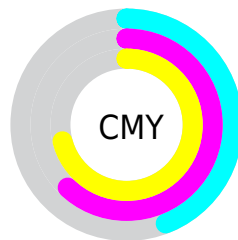
- Red (56%)
- Green (38%)
- Blue (29%)



- Red (56%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6661, 14.7946, 8.4558 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 16.6661, 14.7946, 8.4558 by changing the saturation by 10% instead.

■ 16.6661, 14.7946,
8.4558

■ 16.6661, 14.7946,
8.4558

226.4347,
222.1196, 189.3307

■ 10.0905, 8.6754,
4.2960

■ 37.2990, 34.4924,
23.4080

■ 5.5218, 4.5300,
1.7891

■ 52.0870, 48.8398,
35.0375

■ 2.5944, 1.9743,
0.4208

■ 70.3432, 66.6987,
49.9941

■ 0.9431, 0.5925,
0.0000

■ 92.4330, 88.4535,
68.6962

■ 0.0000, 0.0000,
0.0000

■ 118.7217,
114.4886, 91.5623

149.5746,

145.1884, 119.0111

185.3572,
180.9373, 151.4611

■ 16.6661, 14.7946,
8.4558

■ 16.6661, 14.7946,
8.4558

■ 15.4233, 12.9901,
5.9419

■ 18.1205, 16.8495,
11.5734

■ 14.3801, 11.4237,
3.9908

■ 19.7955, 19.1620,
15.3302

■ 13.5247, 10.0853,
2.5580

■ 21.7009, 21.7419,
19.7597

■ 12.8437, 8.9630,
1.5917

■ 23.8454, 24.5977,
24.8931

■ 12.3133, 8.0404,
0.9891

■ 26.2374, 27.7374,
30.7594

■ 12.2138, 7.8677,
0.8749

■ 28.8847, 31.1688,
37.3862

■ 31.7950, 34.8993,
44.7994

■ 34.9754, 38.9362,
53.0238

■ 38.4328, 43.2863,
62.0831

Harmonies

Analogous

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



18.1669, 14.7946, 11.9565



16.6661, 14.7946, 8.4558



14.5655, 14.7946, 7.0639

Triad

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



16.6661, 14.7946, 8.4558



10.3847, 14.7946, 14.7248



15.7190, 14.7946, 29.4550

Complementary

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



16.6661, 14.7946, 8.4558



14.3031, 16.6019, 28.0419

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.



13.5699, 14.7946, 30.7333



16.6661, 14.7946, 8.4558



10.6270, 14.7946, 21.1258

Square

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



16.6661, 14.7946, 8.4558



11.0453, 14.7946, 10.0444



11.7440, 14.7946, 27.3743



17.5828, 14.7946, 24.2245

Rectangle

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



16.6661, 14.7946, 8.4558



13.1628, 14.7946, 7.1874



11.7440, 14.7946, 27.3743



15.0009, 14.7946, 30.4073

Sweetspot

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



16.6665, 14.7953, 8.4561



39.5780, 40.0939, 37.9538



16.9541, 11.9884, 18.9785



8.6827, 8.7450, 8.1032



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.6665, 14.7953, 8.4561



27.1377, 22.8185, 10.3613



20.4631, 22.3885, 9.7216



5.5487, 5.7037, 5.6978



10.9819, 7.0954, 0.7907



0.1238, 0.1055, 0.0138

Inverse Universe

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



14.3031, 16.6019, 28.0419



22.4510, 26.3460, 49.0299



10.9815, 9.9586, 26.9347



5.4087, 5.8132, 6.8657



7.9921, 8.9702, 24.2873



0.0969, 0.1267, 0.2390

Previews

White Background



This preview shows how the XYZ color 16.6661, 14.7946, 8.4558 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 16.6661, 14.7946, 8.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

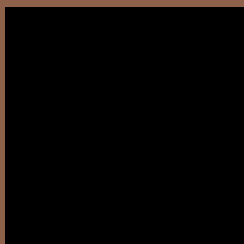
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6661, 14.7946, 8.4558

Background



This preview shows how black text looks on a background with the XYZ color 16.6661, 14.7946, 8.4558.



This preview shows how white text looks on a background with the XYZ color 16.6661, 14.7946,

8.4558.

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

16.6661, 14.7946, 8.4558

Protanopia

13.9402, 14.9882, 9.3660

Deuteranopia

15.1061, 14.8487, 8.3732



Tritanopia

17.7162, 14.6781, 13.9560

Trichromacy



Original Color

16.6661, 14.7946, 8.4558

Protanomaly

14.7473, 14.7964, 9.0999

Deuteranomaly

15.6878, 14.8567, 8.3441

Tritanomaly

17.2187, 14.6004, 11.8082

Monochromacy



Original Color

16.6661, 14.7946, 8.4558

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8074, 14.7382, 13.1307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6661, 14.7946, 8.4558 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(142, 97, 74)` looks like.

```
.text, #text, p{  
    color:rgb(142, 97, 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(142, 97, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 97, 74) }
```

Border

The CSS property to change the border of an element to XYZ 16.6661, 14.7946, 8.4558 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(142, 97, 74) }
```


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

```
.border{ border-color:rgb(142, 97, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 97, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 97, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 97, 74);  
box-shadow:4px 4px 4px 4px rgb(142, 97,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6661, 14.7946, 8.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 97, 74) }
```

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

```
.background{ background-color: rgb(142, 97,  
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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