

Converting Colors

XYZ(15.7973, 14.1859, 9.5486)

Have a look what the booklet for
XYZ(15.7973, 14.1859, 9.5486)
contains.

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Color

**XYZ(15.7842, 14.1792,
9.4944)**

Conversions

Conversions Part 1

Format	Color
Hex	886050
RGB	136, 96, 80
RGB Percent	53%, 38%, 31%
CMY	0.4667, 0.6235, 0.6863
CMYK	0.00, 0.29, 0.41, 0.47
HSL	17°, 26%, 42%
HSV	17°, 41%, 53%
XYZ	15.7842, 14.1792, 9.4944
YIQ	106.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

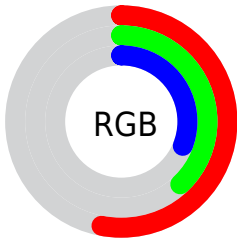
Format	Color
R_{YB}	136, 102, 80
Decimal	8937552
CIE _{Lab}	44.49, 14.10, 15.60
CIE _{LCh}	44, 21.032, 47.891
Yxy	14.1792, 0.4000, 0.3594
Android (android.graphics.Color)	4287127632 (0xFF886050)
YUV	106.1360, -12.8850, 26.1907
Hunter-Lab	37.6553, 8.9262, 11.4093

Details

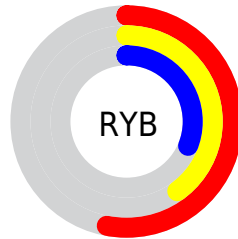
The XYZ color **15.7842, 14.1792, 9.4944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.4684, 16.9154, 25.7949**, and the grayscale version is **13.7659, 14.4828, 15.7718**.

A 20% lighter version of the original color is **35.8820, 33.5288, 25.3494**, and **5.0578, 4.2028, 2.1348** is the 20% darker color. If you saturate the color by 10%, you get **14.4996, 12.3344, 6.8330**, and if you desaturate by 10%, it is **17.2808, 16.2852, 12.7286**.

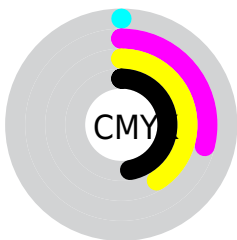
Distribution



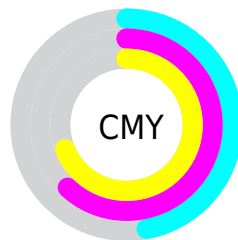
- Red (53%)
- Green (38%)
- Blue (31%)



- Red (53%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7842, 14.1792, 9.4944 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 15.7842, 14.1792, 9.4944 by changing the saturation by 10% instead.

■ 15.7842, 14.1792,
9.4944

■ 15.7842, 14.1792,
9.4944

221.3605,
218.3428, 197.3763

■ 9.4615, 8.2454,
4.9639

■ 35.7836, 33.4067,
25.4328

■ 5.1029, 4.2524,
2.1677

■ 50.1910, 47.4691,
37.6778

■ 2.3431, 1.8157,
0.6556

■ 68.0240, 65.0099,
53.3314

■ 0.8166, 0.4969,
0.0000

■ 89.6480, 86.4134,
72.8120

■ 0.0000, 0.0000,
0.0000

■ 115.4283,
112.0641, 96.5383

145.7302,

142.3463, 124.9287

180.9191,
177.6444, 158.4019

■ 15.7842, 14.1792,
9.4944

■ 15.7842, 14.1792,
9.4944

■ 14.4996, 12.3344,
6.8330

■ 17.2808, 16.2852,
12.7286

■ 13.4157, 10.7382,
4.7098

■ 18.9978, 18.6600,
16.5659

■ 12.5219, 9.3801,
3.0875

■ 20.9442, 21.3137,
21.0353

■ 11.8059, 8.2481,
1.9239

■ 23.1286, 24.2550,
26.1639

■ 11.2537, 7.3289,
1.1693

■ 25.5588, 27.4925,
31.9769

■ 10.8744, 6.6764,
0.7155

■ 28.2422, 31.0341,
38.4984

■ 31.1862, 34.8877,
45.7513

■ 34.3975, 39.0607,
53.7575

■ 37.8830, 43.5603,
62.5377

Harmonies

Analogous

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



16.8249, 14.1792, 12.7434



15.7842, 14.1792, 9.4944



14.1727, 14.1792, 7.9886

Triad

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



15.7842, 14.1792, 9.4944



10.5330, 14.1792, 13.5612



14.5039, 14.1792, 26.1423

Complementary

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



15.7842, 14.1792, 9.4944



14.4684, 16.9154, 25.7949

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.



12.8043, 14.1792, 26.4903



15.7842, 14.1792, 9.4944



10.6054, 14.1792, 18.4896

Square

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



15.7842, 14.1792, 9.4944



11.1993, 14.1792, 9.9844



11.4062, 14.1792, 23.4565



16.0441, 14.1792, 22.5869

Rectangle

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



15.7842, 14.1792, 9.4944



13.0341, 14.1792, 7.9119



11.4062, 14.1792, 23.4565



13.9296, 14.1792, 26.6618

Sweetspot

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



15.7846, 14.1799, 9.4947



36.5179, 37.0296, 36.1609



16.4204, 12.3310, 19.3265



8.3673, 8.4537, 8.1666



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.7846, 14.1799, 9.4947



25.7868, 22.0767, 12.5158



18.7923, 20.1954, 10.4973



5.1417, 5.2663, 5.2979



10.2995, 6.3334, 0.6796



0.0797, 0.0645, 0.0083

Inverse Universe

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



14.4684, 16.9154, 25.7949



23.1391, 27.5268, 45.1420



11.5911, 11.1607, 24.8358



5.0541, 5.4512, 6.3916



8.2719, 9.8141, 23.5040



0.0675, 0.0903, 0.1603

Previews

White Background



This preview shows how the XYZ color 15.7842, 14.1792, 9.4944 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 15.7842, 14.1792, 9.4944 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 15.7842, 14.1792, 9.4944

Background



This preview shows how black text looks on a background with the XYZ color 15.7842, 14.1792, 9.4944.



This preview shows how white text looks on a background with the XYZ color 15.7842, 14.1792,

9.4944.

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

15.7842, 14.1792, 9.4944

Protanopia

13.3339, 14.1880, 10.4233

Deuteranopia

14.3771, 14.1570, 9.3719



Tritanopia

16.6958, 14.1521, 13.9082

Trichromacy



Original Color

15.7842, 14.1792, 9.4944

Protanomaly

14.1979, 14.1922, 10.1747

Deuteranomaly

14.7752, 14.0774, 9.3356

Tritanomaly

16.2950, 14.1141, 12.2214

Monochromacy



Original Color

15.7842, 14.1792, 9.4944

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2452, 14.1477, 13.2892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7842, 14.1792, 9.4944 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(136, 96, 80)` looks like.

```
.text, #text, p{  
    color:rgb(136, 96, 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(136, 96, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 96, 80) }
```

Border

The CSS property to change the border of an element to XYZ 15.7842, 14.1792, 9.4944 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(136, 96, 80) }
```


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

```
.border{ border-color:rgb(136, 96, 80) }
```

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

Here you see how a box with a 4 pixel rgb(136, 96, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 96, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 96, 80);  
box-shadow:4px 4px 4px 4px rgb(136, 96,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7842, 14.1792, 9.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 96, 80) }
```

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

```
.background{ background-color: rgb(136, 96,  
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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