

Converting Colors

XYZ(14.8575, 12.9730, 7.1898)

Have a look what the booklet for
XYZ(14.8575, 12.9730, 7.1898)
contains.

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Color

**XYZ(14.8529, 12.9639,
7.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	885A44
RGB	136, 90, 68
RGB Percent	53%, 35%, 27%
CMY	0.4667, 0.6470, 0.7333
CMYK	0.00, 0.34, 0.50, 0.47
HSL	19°, 33%, 40%
HSV	19°, 50%, 53%
XYZ	14.8529, 12.9639, 7.1883
YIQ	101.2460, 34.4780, 2.9100

Conversions

Conversions Part 2

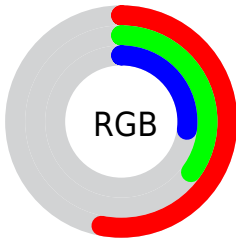
Format	Color
RYB	136, 101, 68
Decimal	8936004
CIELab	42.71, 16.26, 20.39
CIELCh	43, 26.079, 51.429
Yxy	12.9639, 0.4243, 0.3703
Android (android.graphics.Color)	4287126084 (0xFF885A44)
YUV	101.2460, -16.3903, 30.4793
Hunter-Lab	36.0054, 10.6251, 13.3668

Details

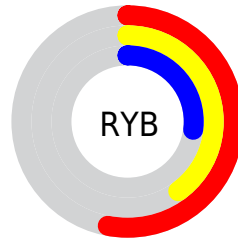
The XYZ color **14.8529, 12.9639, 7.1883** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8449, 15.0406, 25.5187**, and the grayscale version is **12.4683, 13.1177, 14.2851**.

A 20% lighter version of the original color is **34.0163, 31.0935, 20.7318**, and **4.6328, 3.7063, 1.3354** is the 20% darker color. If you saturate the color by 10%, you get **13.7565, 11.3602, 5.0073**, and if you desaturate by 10%, it is **16.1423, 14.7996, 9.9091**.

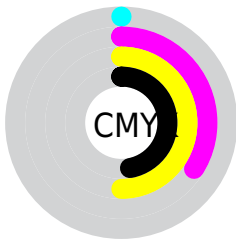
Distribution



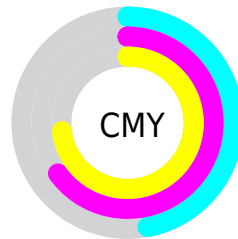
- Red (53%)
- Green (35%)
- Blue (27%)



- Red (53%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8529, 12.9639, 7.1883 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 14.8529, 12.9639, 7.1883 by changing the saturation by 10% instead.

■ 14.8529, 12.9639,
7.1883

■ 14.8529, 12.9639,
7.1883

215.8802,
210.6862, 178.9092

■ 8.8019, 7.4037,
3.4999

■ 34.1687, 31.2389,
20.8703

■ 4.6682, 3.7158,
1.3552

■ 48.1642, 44.7225,
31.7010

■ 2.0867, 1.5159,
0.1064

■ 65.5385, 61.6160,
45.7496

■ 0.6820, 0.2999,
0.0000

■ 86.6570, 82.3039,
63.4346

■ 0.0000, 0.0000,
0.0000

■ 111.8851,
107.1704, 85.1745

141.5881,

136.6000, 111.3878

176.1313,
170.9772, 142.4932

■ 14.8529, 12.9639,
7.1883

■ 14.8529, 12.9639,
7.1883

■ 13.7565, 11.3602,
5.0073

■ 16.1423, 14.7996,
9.9091

■ 12.8420, 9.9767,
3.3285

■ 17.6331, 16.8743,
13.2021

■ 12.0983, 8.8038,
2.1108

■ 19.3346, 19.1974,
17.0983

■ 11.5124, 7.8299,
1.3060

■ 21.2548, 21.7768,
21.6260

■ 11.0543, 7.0361,
0.7755

■ 23.4016, 24.6203,
26.8117

■ 11.0542, 7.0360,
0.7755

■ 25.7823, 27.7354,
32.6806

■ 28.4039, 31.1291,
39.2563

■ 31.2731, 34.8082,
46.5614

■ 34.3964, 38.7793,
54.6175

Harmonies

Analogous

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



16.2191, 12.9639, 10.4929



14.8529, 12.9639, 7.1883



12.8983, 12.9639, 5.8421

Triad

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



14.8529, 12.9639, 7.1883



8.9256, 12.9639, 12.5511



13.7667, 12.9639, 26.9021

Complementary

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



14.8529, 12.9639, 7.1883



12.8449, 15.0406, 25.5187

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.



11.7627, 12.9639, 27.8859



14.8529, 12.9639, 7.1883



9.1049, 12.9639, 18.4885

Square

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



14.8529, 12.9639, 7.1883



9.5769, 12.9639, 8.3473



10.0959, 12.9639, 24.4792



15.5467, 12.9639, 22.0692

Rectangle

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



14.8529, 12.9639, 7.1883



11.5822, 12.9639, 5.8948



10.0959, 12.9639, 24.4792



13.0922, 12.9639, 27.7374

Sweetspot

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



14.8532, 12.9645, 7.1886



35.6061, 35.8990, 33.7203



15.2844, 10.5942, 17.2986



8.1043, 8.1231, 7.4763



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.



14.8532, 12.9645, 7.1886



24.0155, 19.6809, 8.3905



18.3461, 19.9502, 8.3528



5.1564, 5.2957, 5.3028



10.4703, 6.6750, 0.7366



0.0818, 0.0687, 0.0090

Inverse Universe

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



12.8449, 15.0406, 25.5187



20.0267, 23.7326, 44.5737



9.7309, 8.8126, 24.4807



5.0387, 5.4203, 6.3865



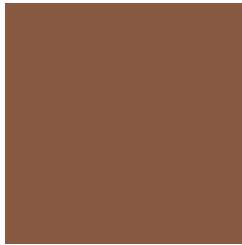
7.8365, 8.9433, 23.3589



0.0654, 0.0861, 0.1596

Previews

White Background



This preview shows how the XYZ color 14.8529, 12.9639, 7.1883 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 14.8529, 12.9639, 7.1883 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 14.8529, 12.9639, 7.1883

Background



This preview shows how black text looks on a background with the XYZ color 14.8529, 12.9639, 7.1883.



This preview shows how white text looks on a background with the XYZ color 14.8529, 12.9639,

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

14.8529, 12.9639, 7.1883

Protanopia

12.1630, 13.0396, 8.1792

Deuteranopia

13.3139, 13.0922, 7.1355



Tritanopia

15.8652, 13.0100, 12.0309

Trichromacy



Original Color

14.8529, 12.9639, 7.1883

Protanomaly

13.0198, 12.9263, 7.7700

Deuteranomaly

13.7682, 12.9227, 7.0789

Tritanomaly

15.4065, 12.9379, 10.0728

Monochromacy



Original Color

14.8529, 12.9639, 7.1883

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0173, 12.8481, 11.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8529, 12.9639, 7.1883 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, 90, 68)` looks like.

```
.text, #text, p{  
    color:rgb(136, 90, 68)  
}
```

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, 90, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 90, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.8529, 12.9639, 7.1883 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, 90, 68) }
```


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

```
.border{ border-color:rgb(136, 90, 68) }
```

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

Here you see how a box with a 4 pixel rgb(136, 90, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 90, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 90, 68);  
box-shadow:4px 4px 4px 4px rgb(136, 90,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8529, 12.9639, 7.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 90, 68) }
```

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

```
.background{ background-color: rgb(136, 90,  
68) }
```

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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