

Converting Colors

XYZ(14.7090, 11.9030, 8.7300)

Have a look what the booklet for
XYZ(14.7090, 11.9030, 8.7300)
contains.

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Color

**XYZ(14.7090, 11.9030,
8.7300)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 89524E |
| RGB | 137, 82, 78 |
| RGB Percent | 54%, 32%, 31% |
| CMY | 0.4627, 0.6784, 0.6941 |
| CMYK | 0.00, 0.40, 0.43, 0.46 |
| HSL | 4°, 27%, 42% |
| HSV | 4°, 43%, 54% |
| XYZ | 14.7090, 11.9030, 8.7300 |
| YIQ | 97.9890, 34.0640, 10.4160 |

Conversions

Conversions Part 2

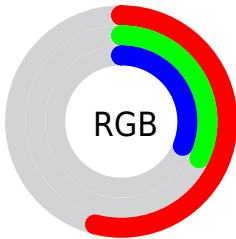
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 137, 82, 78 |
| Decimal | 8999502 |
| CIE Lab | 41.06, 22.49, 12.14 |
| CIE LCh | 41, 25.556, 28.364 |
| Yxy | 11.9030, 0.4162, 0.3368 |
| Android (android.graphics.Color) | 4287189582 (0xFF89524E) |
| YUV | 97.9890, -9.8546, 34.2126 |
| Hunter-Lab | 34.5007, 15.7252, 9.1479 |

Details

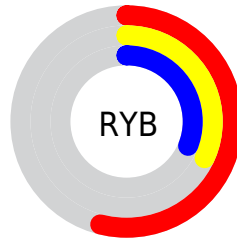
The XYZ color **14.7090, 11.9030, 8.7300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0445, 20.2002, 26.7204**, and the grayscale version is **11.6248, 12.2302, 13.3187**.

A 20% lighter version of the original color is **33.8203, 29.2413, 23.9403**, and **4.5758, 3.2621, 1.9018** is the 20% darker color. If you saturate the color by 10%, you get **13.3931, 9.9770, 6.1153**, and if you desaturate by 10%, it is **16.3072, 14.2297, 11.9439**.

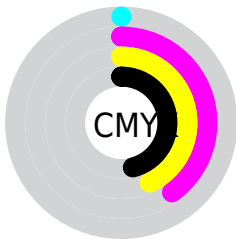
Distribution



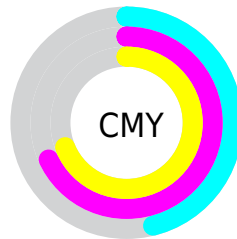
- Red (54%)
- Green (32%)
- Blue (31%)



- Red (54%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (46%)





- Cyan (46%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7090, 11.9030, 8.7300 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 14.7090, 11.9030, 8.7300 by changing the saturation by 10% instead.


 14.7090, 11.9030,
8.7300


 14.7090, 11.9030,
8.7300


215.0215,
203.7621, 191.4940


 8.7004, 6.6777,
4.4711


 33.9177, 29.3183,
23.9470


 4.6018, 3.2613,
1.8872

 47.8486, 42.2771,
35.7421


 2.0479, 1.2696,
0.4846

 65.1509, 58.5824,
50.8864

 0.6607, 0.1175,
0.0000

 86.1899, 78.6188,
69.7984

 0.0000, 0.0000,
0.0000

 111.3312,
102.7706, 92.8966

140.9400,

131.4221, 120.5996

175.3816,
164.9578, 153.3259

■ 14.7090, 11.9030,
8.7300

■ 14.7090, 11.9030,
8.7300

■ 13.3931, 9.9770,
6.1153

■ 16.3072, 14.2297,
11.9439

■ 12.3420, 8.4273,
4.0621

■ 18.2017, 16.9759,
15.7902

■ 11.5382, 7.2298,
2.5295


■ 20.4068, 20.1616,
20.3006


■ 10.9612, 6.3569,
1.4705

■ 22.9357, 23.8049,
25.5042


■ 10.5874, 5.7767,
0.8298


■ 25.8007, 27.9228,
31.4287

 10.4175, 5.5202,
0.5164

 29.0134, 32.5316,
38.1000

 32.5850, 37.6467,
45.5429

 36.5261, 43.2828,
53.7810

 40.8469, 49.4541,
62.8369

Harmonies

Analogous

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



15.2174, 11.9030, 13.2509



14.7090, 11.9030, 8.7300



13.2658, 11.9030, 6.1230

Triad

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



14.7090, 11.9030, 8.7300



8.5687, 11.9030, 8.3518



11.2131, 11.9030, 25.9043

Complementary

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



14.7090, 11.9030, 8.7300



16.0445, 20.2002, 26.7204

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.



9.5627, 11.9030, 23.6012



14.7090, 11.9030, 8.7300



8.1418, 11.9030, 12.6741

Square

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



14.7090, 11.9030, 8.7300



9.7194, 11.9030, 5.9497



8.4853, 11.9030, 18.3749



13.0729, 11.9030, 24.0338

Rectangle

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



14.7090, 11.9030, 8.7300



12.0397, 11.9030, 5.3715



8.4853, 11.9030, 18.3749



10.6170, 11.9030, 25.5828

Sweetspot

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



14.7093, 11.9036, 8.7302



36.4511, 35.9705, 36.1622



17.2793, 12.4626, 23.7094



7.9931, 7.8043, 7.7363



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.



14.7093, 11.9036, 8.7302



23.9671, 17.8414, 10.9172



17.4236, 17.3322, 9.6350



5.0584, 5.0996, 5.2701



9.7075, 5.1493, 0.4823



0.0676, 0.0404, 0.0042

Inverse Universe

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



16.0445, 20.2002, 26.7204



26.6856, 34.7799, 47.6899



12.5642, 13.2396, 25.5603



5.1443, 5.6315, 6.4217



11.3641, 15.9986, 24.5348



0.0795, 0.1144, 0.1643

Previews

White Background



This preview shows how the XYZ color 14.7090, 11.9030, 8.7300 looks on a white background.

Color Contrast Check

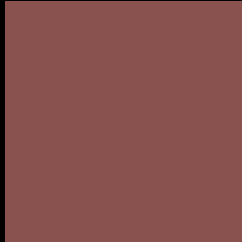
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7090, 11.9030, 8.7300 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 14.7090, 11.9030, 8.7300

Background



This preview shows how black text looks on a background with the XYZ color 14.7090, 11.9030, 8.7300.



This preview shows how white text looks on a background with the XYZ color 14.7090, 11.9030,

8.7300.

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

14.7090, 11.9030, 8.7300

Protanopia

11.3939, 12.0300, 10.3158

Deuteranopia

12.1583, 11.9279, 8.4990



Tritanopia

15.1440, 11.9763, 10.5303

Trichromacy



Original Color

14.7090, 11.9030, 8.7300

Protanomaly

12.4204, 11.9083, 9.6266

Deuteranomaly

12.9380, 11.8182, 8.6204

Tritanomaly

15.0239, 11.9282, 9.8980

Monochromacy



Original Color

14.7090, 11.9030, 8.7300

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.3976, 11.8544, 11.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7090, 11.9030, 8.7300 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(137, 82, 78)` looks like.

```
.text, #text, p{  
    color:rgb(137, 82, 78)  
}
```

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(137, 82, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 82, 78) }
```

Border

The CSS property to change the border of an element to XYZ 14.7090, 11.9030, 8.7300 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(137, 82, 78) }
```


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

```
.border{ border-color:rgb(137, 82, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 82, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 82, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 82, 78);  
box-shadow:4px 4px 4px 4px rgb(137, 82,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7090, 11.9030, 8.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 82, 78) }
```

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

```
.background{ background-color: rgb(137, 82,  
78) }
```

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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