

Converting Colors

XYZ(14.5895, 12.8156, 7.4991)

Have a look what the booklet for
XYZ(14.5895, 12.8156, 7.4991)
contains.

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Color

**XYZ(14.5932, 12.8229,
7.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	865A46
RGB	134, 90, 70
RGB Percent	53%, 35%, 27%
CMY	0.4745, 0.6470, 0.7255
CMYK	0.00, 0.33, 0.48, 0.47
HSL	19°, 31%, 40%
HSV	19°, 48%, 53%
XYZ	14.5932, 12.8229, 7.5003
YIQ	100.8760, 32.6440, 3.1080

Conversions

Conversions Part 2

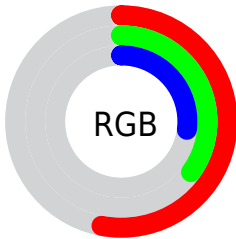
Format	Color
R_{YB}	134, 99, 70
Decimal	8804934
CIE _{Lab}	42.50, 15.60, 18.87
CIE _{LCh}	42, 24.483, 50.413
Yxy	12.8229, 0.4179, 0.3672
Android (android.graphics.Color)	4286995014 (0xFF865A46)
YUV	100.8760, -15.2219, 29.0497
Hunter-Lab	35.8091, 10.0779, 12.6479

Details

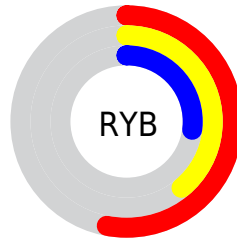
The XYZ color **14.5932, 12.8229, 7.5003** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8459, 15.0573, 24.7835**, and the grayscale version is **12.3701, 13.0143, 14.1726**.

A 20% lighter version of the original color is **33.6941, 30.9069, 21.6425**, and **4.5668, 3.6698, 1.4449** is the 20% darker color. If you saturate the color by 10%, you get **13.4871, 11.2138, 5.2725**, and if you desaturate by 10%, it is **15.8907, 14.6637, 10.2579**.

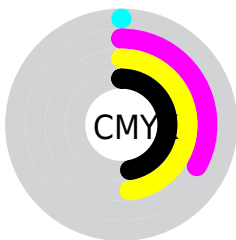
Distribution



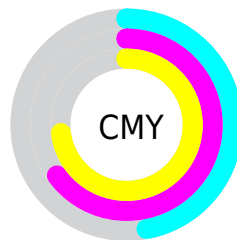
- Red (53%)
- Green (35%)
- Blue (27%)



- Red (53%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (47%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5932, 12.8229, 7.5003 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 14.5932, 12.8229, 7.5003 by changing the saturation by 10% instead.


 14.5932, 12.8229,
7.5003


 14.5932, 12.8229,
7.5003


214.3281,
209.7795, 181.5441


 8.6188, 7.3067,
3.6938


 33.7155, 30.9852,
21.5026


 4.5485, 3.6546,
1.4589

 47.5941, 44.4002,
32.5354

 2.0169, 1.4823,
0.1870

 64.8382, 61.2168,
46.8141

 0.6434, 0.2762,
0.0000

 85.8131, 81.8196,
64.7572

 0.0000, 0.0000,
0.0000

 110.8842,
106.5929, 86.7832

140.4169,

135.9210, 113.3106

174.7764,
170.1884, 144.7581

■ 14.5932, 12.8229,
7.5003

■ 14.5932, 12.8229,
7.5003

■ 13.4871, 11.2138,
5.2725

■ 15.8907, 14.6637,
10.2579

■ 12.5616, 9.8249,
3.5392

■ 17.3877, 16.7432,
13.5760

■ 11.8060, 8.6465,
2.2617

■ 19.0930, 19.0706,
17.4840

■ 11.2083, 7.6675,
1.3953

■ 21.0146, 21.6538,
22.0088

■ 10.7466, 6.8722,
0.8462

■ 23.1600, 24.5006,
27.1757

■ 10.6553, 6.7159,
0.7347

■ 25.5363, 27.6182,
33.0087

■ 28.1504, 31.0136,
39.5303

■ 31.0089, 34.6938,
46.7623

■ 34.1180, 38.6651,
54.7252

Harmonies

Analogous

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



15.8273, 12.8229, 10.7072



14.5932, 12.8229, 7.5003



12.7887, 12.8229, 6.1442

Triad

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



14.5932, 12.8229, 7.5003



9.0114, 12.8229, 12.3361



13.4686, 12.8229, 25.8243

Complementary

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



14.5932, 12.8229, 7.5003



12.8459, 15.0573, 24.7835

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.



11.6060, 12.8229, 26.5798



14.5932, 12.8229, 7.5003



9.1539, 12.8229, 17.8173

Square

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



14.5932, 12.8229, 7.5003



9.6512, 12.8229, 8.4330



10.0624, 12.8229, 23.3558



15.1339, 12.8229, 21.4958

Rectangle

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



14.5932, 12.8229, 7.5003



11.5572, 12.8229, 6.1589



10.0624, 12.8229, 23.3558



12.8408, 12.8229, 26.5407

Sweetspot

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



14.5935, 12.8235, 7.5005



34.7651, 35.1202, 33.4323



15.1047, 10.6820, 17.4252



7.6947, 7.7267, 7.2101



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5935, 12.8235, 7.5005



23.6752, 19.6278, 9.1190



17.7987, 19.2340, 8.5690



4.7826, 4.9087, 4.9248



9.9944, 6.3114, 0.6915



0.0406, 0.0338, 0.0044

Inverse Universe

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



12.8459, 15.0573, 24.7835



20.1979, 24.0084, 43.3080



9.9070, 9.1794, 23.8039



4.6821, 5.0398, 5.9268



7.6386, 8.8250, 22.4375



0.0330, 0.0436, 0.0799

Previews

White Background



This preview shows how the XYZ color 14.5932, 12.8229, 7.5003 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 14.5932, 12.8229, 7.5003 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 14.5932, 12.8229, 7.5003

Background



This preview shows how black text looks on a background with the XYZ color 14.5932, 12.8229, 7.5003.



This preview shows how white text looks on a background with the XYZ color 14.5932, 12.8229,

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

14.5932, 12.8229, 7.5003

Protanopia

12.1080, 13.0035, 8.5284

Deuteranopia

13.0028, 12.7885, 7.4133



Tritanopia

15.5373, 12.8409, 12.0156

Trichromacy



Original Color

14.5932, 12.8229, 7.5003

Protanomaly

12.8134, 12.8123, 8.1010

Deuteranomaly

13.5343, 12.7951, 7.3866

Tritanomaly

15.1211, 12.7862, 10.2653

Monochromacy



Original Color

14.5932, 12.8229, 7.5003

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9302, 12.7983, 11.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5932, 12.8229, 7.5003 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(134, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(134, 90, 70)  
}
```

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(134, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 90, 70) }
```

Border

The CSS property to change the border of an element to XYZ 14.5932, 12.8229, 7.5003 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(134, 90, 70) }
```


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

```
.border{ border-color:rgb(134, 90, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 90, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(134, 90,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5932, 12.8229, 7.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 90, 70) }
```

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

```
.background{ background-color: rgb(134, 90,  
70) }
```

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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