

Converting Colors

XYZ(14.8586, 13.0643, 7.2951)

Have a look what the booklet for
XYZ(14.8586, 13.0643, 7.2951)
contains.

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Color

**XYZ(14.9686, 13.1461,
7.3787)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 885B45 |
| RGB | 136, 91, 69 |
| RGB Percent | 53%, 36%, 27% |
| CMY | 0.4667, 0.6431, 0.7294 |
| CMYK | 0.00, 0.33, 0.49, 0.47 |
| HSL | 20°, 33%, 40% |
| HSV | 20°, 49%, 53% |
| XYZ | 14.9686, 13.1461, 7.3787 |
| YIQ | 101.9470, 33.8820, 2.6980 |

Conversions

Conversions Part 2

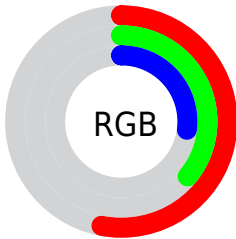
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 136, 102, 69 |
| Decimal | 8936261 |
| CIE Lab | 42.98, 15.78, 20.15 |
| CIE LCh | 43, 25.595, 51.945 |
| Yxy | 13.1461, 0.4217, 0.3704 |
| Android (android.graphics.Color) | 4287126341 (0xFF885B45) |
| YUV | 101.9470, -16.2429, 29.8645 |
| Hunter-Lab | 36.2576, 10.2414, 13.3143 |

Details

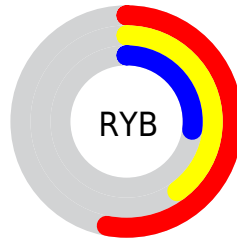
The XYZ color **14.9686, 13.1461, 7.3787** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.9151, 15.0766, 25.5218**, and the grayscale version is **12.6507, 13.3095, 14.4940**.

A 20% lighter version of the original color is **34.2216, 31.4105, 21.0888**, and **4.7700, 3.8318, 1.4079** is the 20% darker color. If you saturate the color by 10%, you get **13.8601, 11.5290, 5.1598**, and if you desaturate by 10%, it is **16.2696, 14.9934, 10.1395**.

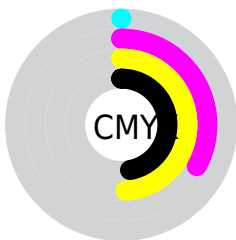
Distribution



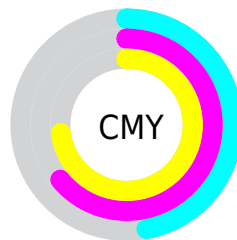
- Red (53%)
- Green (36%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9686, 13.1461, 7.3787 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 14.9686, 13.1461, 7.3787 by changing the saturation by 10% instead.

■ 14.9686, 13.1461,
7.3787

■ 14.9686, 13.1461,
7.3787

216.5682,
211.8519, 180.5229

■ 8.8835, 7.5292,
3.6180

■ 34.3702, 31.5660,
21.2568

■ 4.7218, 3.7952,
1.4182

■ 48.4174, 45.1378,
32.2113

■ 2.1180, 1.5597,
0.1559

■ 65.8494, 62.1301,
46.4009

■ 0.6990, 0.3302,
0.0000

■ 87.0315, 82.9272,
64.2440

■ 0.0000, 0.0000,
0.0000

■ 112.3291,
107.9136, 86.1592

142.1075,

137.4735, 112.5651

176.7321,
171.9915, 143.8801

■ 14.9686, 13.1461,
7.3787

■ 14.9686, 13.1461,
7.3787

■ 13.8601, 11.5290,
5.1598

■ 16.2696, 14.9934,
10.1395

■ 12.9329, 10.1305,
3.4456

■ 17.7715, 17.0777,
13.4745

■ 12.1764, 8.9412,
2.1953

■ 19.4831, 19.4081,
17.4142

■ 11.5778, 7.9498,
1.3614

■ 21.4127, 21.9925,
21.9870

■ 11.1100, 7.1389,
0.8211

■ 23.5678, 24.8385,
27.2193

■ 11.0789, 7.0855,
0.7837

■ 25.9557, 27.9535,
33.1359

■ 28.5835, 31.3442,
39.7605

■ 31.4576, 35.0175,
47.1156

■ 34.5846, 38.9797,
55.2226

Harmonies

Analogous

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



16.3324, 13.1461, 10.6428



14.9686, 13.1461, 7.3787



13.0313, 13.1461, 6.0578

Triad

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



14.9686, 13.1461, 7.3787



9.1185, 13.1461, 12.8521



13.9590, 13.1461, 26.8612

Complementary

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



14.9686, 13.1461, 7.3787



12.9151, 15.0766, 25.5218

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.



11.9736, 13.1461, 27.9036



14.9686, 13.1461, 7.3787



9.3113, 13.1461, 18.7448

Square

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



14.9686, 13.1461, 7.3787



9.7527, 13.1461, 8.6318



10.3101, 13.1461, 24.6223



15.7083, 13.1461, 22.0632

Rectangle

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



14.9686, 13.1461, 7.3787



11.7301, 13.1461, 6.1299



10.3101, 13.1461, 24.6223



13.2924, 13.1461, 27.7053

Sweetspot

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



14.9689, 13.1467, 7.3790



35.6279, 35.9426, 33.7275



15.3635, 10.7234, 17.4144



8.1099, 8.1342, 7.4782



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.



14.9689, 13.1467, 7.3790



24.2454, 20.0500, 8.7469



18.3997, 20.0083, 8.5225



5.1583, 5.2995, 5.3034



10.4937, 6.7219, 0.7444



0.0820, 0.0693, 0.0090

Inverse Universe

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



12.9151, 15.0766, 25.5218



20.1662, 23.8193, 44.5831



9.8618, 8.9699, 24.5041



5.0367, 5.4164, 6.3858



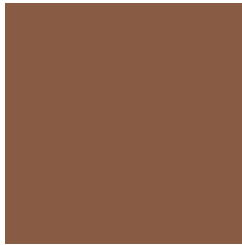
7.7828, 8.8359, 23.3410



0.0651, 0.0855, 0.1595

Previews

White Background



This preview shows how the XYZ color 14.9686, 13.1461, 7.3787 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 14.9686, 13.1461, 7.3787 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 14.9686, 13.1461, 7.3787

Background



This preview shows how black text looks on a background with the XYZ color 14.9686, 13.1461, 7.3787.



This preview shows how white text looks on a background with the XYZ color 14.9686, 13.1461,

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

14.9686, 13.1461, 7.3787

Protanopia

12.4178, 13.3122, 8.3936

Deuteranopia

13.3441, 13.1043, 7.2949



Tritanopia

15.9913, 13.1909, 12.2929

Trichromacy



Original Color

14.9686, 13.1461, 7.3787

Protanomaly

13.1451, 13.1252, 7.9715

Deuteranomaly

13.8880, 13.1138, 7.2681

Tritanomaly

15.5286, 13.1190, 10.3081

Monochromacy



Original Color

14.9686, 13.1461, 7.3787

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1526, 13.0510, 11.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9686, 13.1461, 7.3787 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, 91, 69)` looks like.

```
.text, #text, p{  
    color:rgb(136, 91, 69)  
}
```

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, 91, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 91, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.9686, 13.1461, 7.3787 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, 91, 69) }
```


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

```
.border{ border-color:rgb(136, 91, 69) }
```

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

Here you see how a box with a 4 pixel rgb(136, 91, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 91, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 91, 69);  
box-shadow:4px 4px 4px 4px rgb(136, 91,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9686, 13.1461, 7.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 91, 69) }
```

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

```
.background{ background-color: rgb(136, 91,  
69) }
```

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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