

Converting Colors

XYZ(14.9626, 13.0846, 7.1244)

Have a look what the booklet for
XYZ(14.9626, 13.0846, 7.1244)
contains.

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Color

**XYZ(14.9858, 13.0359,
7.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	895A43
RGB	137, 90, 67
RGB Percent	54%, 35%, 26%
CMY	0.4627, 0.6470, 0.7373
CMYK	0.00, 0.34, 0.51, 0.46
HSL	20°, 34%, 40%
HSV	20°, 51%, 54%
XYZ	14.9858, 13.0359, 7.0365
YIQ	101.4310, 35.3950, 2.8110

Conversions

Conversions Part 2

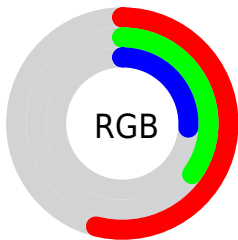
Format	Color
R_{YB}	137, 101, 67
Decimal	9001539
CIE _{Lab}	42.82, 16.59, 21.15
CIE _{LCh}	43, 26.882, 51.884
Yxy	13.0359, 0.4275, 0.3718
Android (android.graphics.Color)	4287191619 (0xFF895A43)
YUV	101.4310, -16.9745, 31.1940
Hunter-Lab	36.1053, 10.9038, 13.7187

Details

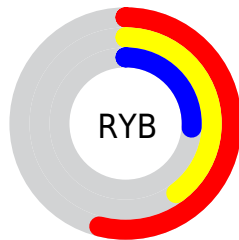
The XYZ color **14.9858, 13.0359, 7.0365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8471, 15.0334, 25.8915**, and the grayscale version is **12.5177, 13.1695, 14.3416**.

A 20% lighter version of the original color is **34.2108, 31.2004, 20.4388**, and **4.7115, 3.7480, 1.2857** is the 20% darker color. If you saturate the color by 10%, you get **13.8941, 11.4342, 4.8793**, and if you desaturate by 10%, it is **16.2715, 14.8699, 9.7384**.

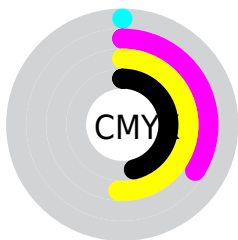
Distribution



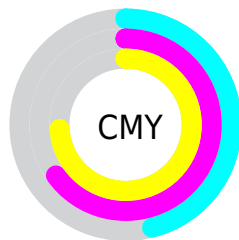
- Red (54%)
- Green (35%)
- Blue (26%)



- Red (54%)
- Yellow (40%)
- Blue (26%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9858, 13.0359, 7.0365 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 14.9858, 13.0359, 7.0365 by changing the saturation by 10% instead.

■ 14.9858, 13.0359,
7.0365

■ 14.9858, 13.0359,
7.0365

216.6703,
211.1476, 177.6091

■ 8.8957, 7.4533,
3.4061

■ 34.4001, 31.3683,
20.5607

■ 4.7298, 3.7472,
1.3056

■ 48.4550, 44.8868,
31.2917

■ 2.1227, 1.5332,
0.0663

■ 65.8956, 61.8194,
45.2266

■ 0.7015, 0.3119,
0.0000

■ 87.0871, 82.5505,
62.7839

■ 0.0000, 0.0000,
0.0000

■ 112.3950,
107.4645, 84.3823

142.1846,

136.9457, 110.4403

176.8213,
171.3786, 141.3764

■ 14.9858, 13.0359,
7.0365

■ 14.9858, 13.0359,
7.0365

■ 13.8941, 11.4342,
4.8793

■ 16.2715, 14.8699,
9.7384

■ 12.9848, 10.0530,
3.2281

■ 17.7597, 16.9433,
13.0185

■ 12.2468, 8.8825,
2.0405

■ 19.4598, 19.2655,
16.9084

■ 11.6669, 7.9110,
1.2664

■ 21.3800, 21.8445,
21.4372

■ 11.2557, 7.1967,
0.7959

■ 23.5283, 24.6882,
26.6322

■ 25.9120, 27.8040,
32.5188

■ 28.5384, 31.1991,
39.1216

■ 31.4143, 34.8802,
46.4634

■ 34.5461, 38.8540,
54.5665

Harmonies

Analogous

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



16.4193, 13.0359, 10.3887



14.9858, 13.0359, 7.0365



12.9551, 13.0359, 5.6952

Triad

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



14.9858, 13.0359, 7.0365



8.8836, 13.0359, 12.6591



13.9181, 13.0359, 27.4562

Complementary

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



14.9858, 13.0359, 7.0365



12.8471, 15.0334, 25.8915

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.



11.8421, 13.0359, 28.5578



14.9858, 13.0359, 7.0365



9.0809, 13.0359, 18.8305

Square

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



14.9858, 13.0359, 7.0365



9.5408, 13.0359, 8.3042



10.1131, 13.0359, 25.0556



15.7570, 13.0359, 22.3637

Rectangle

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



14.9858, 13.0359, 7.0365



11.5962, 13.0359, 5.7656



10.1131, 13.0359, 25.0556



13.2197, 13.0359, 28.3529

Sweetspot

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



14.9861, 13.0365, 7.0368



36.7818, 37.1058, 34.8113



15.4086, 10.5667, 17.3969



8.1101, 8.1347, 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.



14.9861, 13.0365, 7.0368



24.6605, 20.1457, 8.3196



18.5582, 20.1807, 8.2275



5.1584, 5.2997, 5.3035



10.4947, 6.7239, 0.7447



0.0820, 0.0693, 0.0091

Inverse Universe

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



12.8471, 15.0334, 25.8915



20.3646, 24.0828, 45.9583



9.6867, 8.7125, 24.8380



5.0367, 5.4162, 6.3858



7.7806, 8.8314, 23.3402



0.0651, 0.0855, 0.1595

Previews

White Background



This preview shows how the XYZ color 14.9858, 13.0359, 7.0365 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 14.9858, 13.0359, 7.0365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

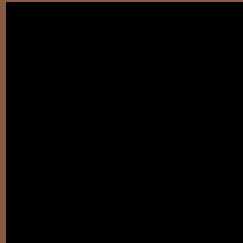
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9858, 13.0359, 7.0365

Background



This preview shows how black text looks on a background with the XYZ color 14.9858, 13.0359, 7.0365.



This preview shows how white text looks on a background with the XYZ color 14.9858, 13.0359,

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

14.9858, 13.0359, 7.0365

Protanopia

12.1301, 13.0265, 8.0059

Deuteranopia

13.2841, 13.0803, 6.9789



Tritanopia

16.0314, 13.0957, 12.0387

Trichromacy



Original Color

14.9858, 13.0359, 7.0365

Protanomaly

12.9879, 12.9135, 7.6024

Deuteranomaly

13.7385, 12.9108, 6.9222

Tritanomaly

15.5712, 13.0228, 10.0805

Monochromacy



Original Color

14.9858, 13.0359, 7.0365

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 14.9858, 13.0359, 7.0365 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, 90, 67)` looks like.

```
.text, #text, p{  
    color:rgb(137, 90, 67)  
}
```

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, 90, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 90, 67) }
```

Border

The CSS property to change the border of an element to XYZ 14.9858, 13.0359, 7.0365 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, 90, 67) }
```


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

```
.border{ border-color:rgb(137, 90, 67) }
```

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

Here you see how a box with a 4 pixel rgb(137, 90, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 90, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 90, 67);  
box-shadow:4px 4px 4px 4px rgb(137, 90,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9858, 13.0359, 7.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 90, 67) }
```

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

```
.background{ background-color: rgb(137, 90,  
67) }
```

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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