

Converting Colors

XYZ(14.9533, 13.2137, 9.8398)

Have a look what the booklet for
XYZ(14.9533, 13.2137, 9.8398)
contains.

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Color

**XYZ(14.8659, 13.1690,
9.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	845C52
RGB	132, 92, 82
RGB Percent	52%, 36%, 32%
CMY	0.4824, 0.6392, 0.6784
CMYK	0.00, 0.30, 0.38, 0.48
HSL	12°, 23%, 42%
HSV	12°, 38%, 52%
XYZ	14.8659, 13.1690, 9.7410
YIQ	102.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

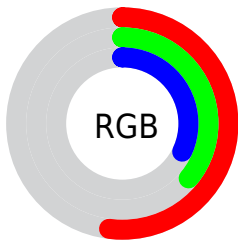
Format	Color
R_{YB}	132, 95, 82
Decimal	8674386
CIE _{Lab}	43.02, 15.01, 12.30
CIE _{LCh}	43, 19.409, 39.339
Yxy	13.1690, 0.3935, 0.3486
Android (android.graphics.Color)	4286864466 (0xFF845C52)
YUV	102.8200, -10.2643, 25.5909
Hunter-Lab	36.2891, 9.6169, 9.4873

Details

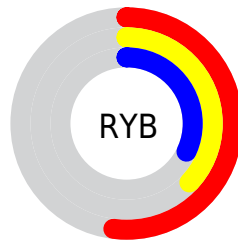
The XYZ color **14.8659, 13.1690, 9.7410** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6039, 17.3784, 24.4146**, and the grayscale version is **12.8661, 13.5361, 14.7408**.

A 20% lighter version of the original color is **34.0194, 31.4238, 25.7451**, and **4.7043, 3.8369, 2.2429** is the 20% darker color. If you saturate the color by 10%, you get **13.5593, 11.2838, 7.0612**, and if you desaturate by 10%, it is **16.3974, 15.3492, 12.9729**.

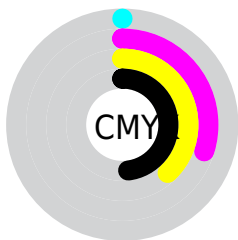
Distribution



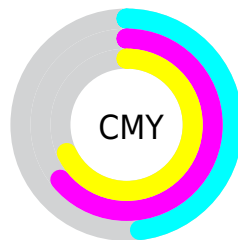
- Red (52%)
- Green (36%)
- Blue (32%)



- Red (52%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (48%)





- Cyan (48%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8659, 13.1690, 9.7410 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 14.8659, 13.1690, 9.7410 by changing the saturation by 10% instead.


 14.8659, 13.1690,
9.7410


 14.8659, 13.1690,
9.7410


215.9576,
211.9979, 199.2306


 8.8110, 7.5450,
5.1242


 34.1913, 31.6071,
25.9073


 4.6742, 3.8052,
2.2603

 48.1926, 45.1899,
38.2940


 2.0902, 1.5652,
0.7089

 65.5734, 62.1946,
54.1077

 0.6839, 0.3340,
0.0000

 86.6991, 83.0054,
73.7670

 0.0000, 0.0000,
0.0000

 111.9350,
108.0067, 97.6903

141.6465,

137.5830, 126.2964

176.1989,
172.1186, 160.0036

■ 14.8659, 13.1690,
9.7410

■ 14.8659, 13.1690,
9.7410

■ 13.5593, 11.2838,
7.0612

■ 16.3974, 15.3492,
12.9729

■ 12.4658, 9.6790,
4.9016

■ 18.1627, 17.8343,
16.7846

■ 11.5739, 8.3415,
3.2283

■ 20.1717, 20.6364,
21.2030

■ 10.8707, 7.2565,
2.0031

■ 22.4334, 23.7661,
26.2532

■ 10.3416, 6.4076,
1.1820

■ 24.9561, 27.2335,
31.9587

■ 9.9619, 5.7732,
0.6697

■ 27.7478, 31.0484,
38.3417

■ 9.8943, 5.6625,
0.5715

■ 30.8164, 35.2202,
45.4237

■ 34.1692, 39.7578,
53.2250

■ 37.8134, 44.6699,
61.7650

Harmonies

Analogous

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



15.5620, 13.1690, 13.0481



14.8659, 13.1690, 9.7410



13.5551, 13.1690, 7.9500

Triad

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



14.8659, 13.1690, 9.7410



10.0228, 13.1690, 11.6342



12.9875, 13.1690, 24.0548

Complementary

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



14.8659, 13.1690, 9.7410



14.6039, 17.3784, 24.4146

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.



11.5328, 13.1690, 23.4681



14.8659, 13.1690, 9.7410



9.8972, 13.1690, 15.7120

Square

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



14.8659, 13.1690, 9.7410



10.7870, 13.1690, 8.8830



10.4291, 13.1690, 20.1945



14.4222, 13.1690, 21.6670

Rectangle

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



14.8659, 13.1690, 9.7410



12.5498, 13.1690, 7.5995



10.4291, 13.1690, 20.1945



12.4837, 13.1690, 24.2079

Sweetspot

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



14.8662, 13.1696, 9.7413



34.2917, 34.6252, 34.6060



16.0460, 12.3454, 19.9497



7.8892, 7.9297, 7.8486



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.



14.8662, 13.1696, 9.7413



24.2867, 20.4603, 13.2512



17.4002, 18.2375, 10.5859



4.7425, 4.8286, 4.9114



9.5834, 5.4893, 0.5544



0.0375, 0.0275, 0.0033

Inverse Universe

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



14.6039, 17.3784, 24.4146



23.7488, 28.9119, 42.7820



11.9194, 12.0094, 23.5198



4.7246, 5.1249, 5.9409



8.9863, 11.5204, 22.8867



0.0361, 0.0499, 0.0809

Previews

White Background



This preview shows how the XYZ color 14.8659, 13.1690, 9.7410 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 14.8659, 13.1690, 9.7410 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 14.8659, 13.1690, 9.7410

Background



This preview shows how black text looks on a background with the XYZ color 14.8659, 13.1690, 9.7410.



This preview shows how white text looks on a background with the XYZ color 14.8659, 13.1690,

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

14.8659, 13.1690, 9.7410

Protanopia

12.5351, 13.3167, 10.9265

Deuteranopia

13.4606, 13.2514, 9.6329



Tritanopia

15.4867, 13.1619, 13.0335

Trichromacy



Original Color

14.8659, 13.1690, 9.7410

Protanomaly

13.2098, 13.1042, 10.4275

Deuteranomaly

13.9803, 13.2449, 9.6043

Tritanomaly

15.3457, 13.2414, 11.8723

Monochromacy



Original Color

14.8659, 13.1690, 9.7410

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4668, 13.3273, 12.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8659, 13.1690, 9.7410 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(132, 92, 82)` looks like.

```
.text, #text, p{  
    color:rgb(132, 92, 82)  
}
```

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(132, 92, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 92, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.8659, 13.1690, 9.7410 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(132, 92, 82) }
```


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

```
.border{ border-color:rgb(132, 92, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 92, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 92, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 92, 82);  
box-shadow:4px 4px 4px 4px rgb(132, 92,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8659, 13.1690, 9.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 92, 82) }
```

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

```
.background{ background-color: rgb(132, 92,  
82) }
```

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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