

Converting Colors

XYZ(14.9469, 13.2373, 9.9066)

Have a look what the booklet for
XYZ(14.9469, 13.2373, 9.9066)
contains.

XYZ(14.9042, 13.1844, 9.9429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9042, 13.1844,
9.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	845C53
RGB	132, 92, 83
RGB Percent	52%, 36%, 33%
CMY	0.4824, 0.6392, 0.6745
CMYK	0.00, 0.30, 0.37, 0.48
HSL	11°, 23%, 42%
HSV	11°, 37%, 52%
XYZ	14.9042, 13.1844, 9.9429
YIQ	102.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

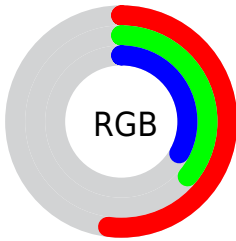
Format	Color
R _Y B	132, 94, 83
Decimal	8674387
CIE Lab	43.04, 15.14, 11.73
CIE LCh	43, 19.154, 37.760
Yxy	13.1844, 0.3919, 0.3467
Android (android.graphics.Color)	4286864467 (0xFF845C53)
YUV	102.9340, -9.8275, 25.4909
Hunter-Lab	36.3103, 9.7253, 9.1818

Details

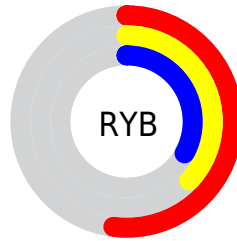
The XYZ color **14.9042, 13.1844, 9.9429** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8147, 17.6701, 24.4596**, and the grayscale version is **12.8952, 13.5668, 14.7742**.

A 20% lighter version of the original color is **34.0876, 31.4510, 26.1038**, and **4.7202, 3.8433, 2.3268** is the 20% darker color. If you saturate the color by 10%, you get **13.5744, 11.2642, 7.2202**, and if you desaturate by 10%, it is **16.4645, 15.4102, 13.2215**.

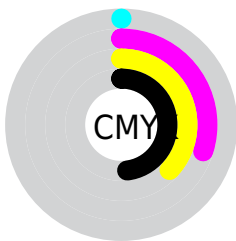
Distribution



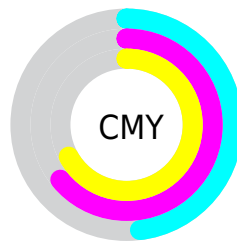
- Red (52%)
- Green (36%)
- Blue (33%)



- Red (52%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (48%)





- Cyan (48%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9042, 13.1844, 9.9429 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 14.9042, 13.1844, 9.9429 by changing the saturation by 10% instead.


 14.9042, 13.1844,
9.9429


 14.9042, 13.1844,
9.9429


216.1855,
212.0961, 200.7340


 8.8381, 7.5556,
5.2560


 34.2581, 31.6347,
26.2942


 4.6920, 3.8120,
2.3369

 48.2765, 45.2250,
38.7956

 2.1006, 1.5689,
0.7518

 65.6764, 62.2379,
54.7390

 0.6895, 0.3365,
0.0000

 86.8232, 83.0579,
74.5429

 0.0000, 0.0000,
0.0000

 112.0821,
108.0693, 98.6258

141.8185,

137.6566, 127.4063

176.3979,
172.2040, 161.3028

■ 14.9042, 13.1844,
9.9429

■ 14.9042, 13.1844,
9.9429

■ 13.5744, 11.2642,
7.2202

■ 16.4645, 15.4102,
13.2215

■ 12.4630, 9.6344,
5.0216

■ 18.2647, 17.9523,
17.0838

■ 11.5583, 8.2812,
3.3135

■ 20.3147, 20.8232,
21.5567

■ 10.8470, 7.1890,
2.0577

■ 22.6237, 24.0339,
26.6649

■ 10.3142, 6.3406,
1.2106

■ 25.2005, 27.5953,
32.4322

■ 9.9367, 5.7142,
0.6884

■ 28.0532, 31.5175,
38.8809

■ 9.8476, 5.5693,
0.5560

■ 31.1899, 35.8102,
46.0322

■ 34.6181, 40.4830,
53.9066

■ 38.3450, 45.5449,
62.5234

Harmonies

Analogous

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



15.5494, 13.1844, 13.2889



14.9042, 13.1844, 9.9429



13.6331, 13.1844, 8.0851

Triad

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



14.9042, 13.1844, 9.9429



10.0905, 13.1844, 11.5017



12.9174, 13.1844, 23.9754

Complementary

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



14.9042, 13.1844, 9.9429



14.8147, 17.6701, 24.4596

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.



11.4906, 13.1844, 23.2390



14.9042, 13.1844, 9.9429



9.9315, 13.1844, 15.4779

Square

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



14.9042, 13.1844, 9.9429



10.8772, 13.1844, 8.8546



10.4248, 13.1844, 19.9119



14.3452, 13.1844, 21.7627

Rectangle

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



14.9042, 13.1844, 9.9429



12.6423, 13.1844, 7.6850



10.4248, 13.1844, 19.9119



12.4211, 13.1844, 24.0713

Sweetspot

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



14.9045, 13.1850, 9.9432



34.2404, 34.5226, 34.5889



16.1852, 12.5226, 20.3084



7.8763, 7.9037, 7.8443



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.



14.9045, 13.1850, 9.9432



24.1533, 20.1936, 13.2068



17.3783, 18.1326, 10.7678



4.7367, 4.8170, 4.9095



9.5381, 5.3988, 0.5394



0.0370, 0.0266, 0.0032

Inverse Universe

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



14.8147, 17.6701, 24.4596



23.9594, 29.3330, 42.8522



12.1484, 12.3374, 23.5708



4.7308, 5.1373, 5.9430



9.2026, 11.9530, 22.9588



0.0366, 0.0508, 0.0811

Previews

White Background



This preview shows how the XYZ color 14.9042, 13.1844, 9.9429 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 14.9042, 13.1844, 9.9429 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 14.9042, 13.1844, 9.9429

Background



This preview shows how black text looks on a background with the XYZ color 14.9042, 13.1844, 9.9429.

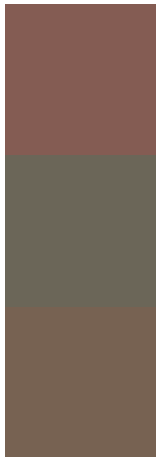


This preview shows how white text looks on a background with the XYZ color 14.9042, 13.1844,

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

14.9042, 13.1844, 9.9429

Protanopia

12.5762, 13.3331, 11.1432

Deuteranopia

13.4984, 13.2665, 9.8319



Tritanopia

15.4867, 13.1619, 13.0335

Trichromacy



Original Color

14.9042, 13.1844, 9.9429

Protanomaly

13.2499, 13.1203, 10.6382

Deuteranomaly

14.0180, 13.2600, 9.8033

Tritanomaly

15.3457, 13.2414, 11.8723

Monochromacy



Original Color

14.9042, 13.1844, 9.9429

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5126, 13.3456, 12.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9042, 13.1844, 9.9429 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(132, 92, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 92, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.9042, 13.1844, 9.9429 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, 83) }
```


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

```
.border{ border-color:rgb(132, 92, 83) }
```

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, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(132, 92,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9042, 13.1844, 9.9429 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, 83) }
```

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

```
.background{ background-color: rgb(132, 92,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor