

Converting Colors

XYZ(14.4962, 13.1127, 8.9805)

Have a look what the booklet for
XYZ(14.4962, 13.1127, 8.9805)
contains.

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Color

**XYZ(14.4954, 13.1246,
8.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	825D4E
RGB	130, 93, 78
RGB Percent	51%, 36%, 31%
CMY	0.4902, 0.6353, 0.6941
CMYK	0.00, 0.28, 0.40, 0.49
HSL	17°, 25%, 41%
HSV	17°, 40%, 51%
XYZ	14.4954, 13.1246, 8.9770
YIQ	102.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

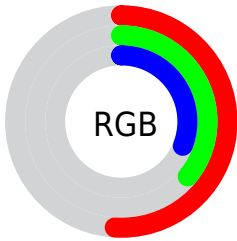
Format	Color
R_{YB}	130, 99, 78
Decimal	8543566
CIE _{Lab}	42.95, 13.04, 14.59
CIE _{LCh}	43, 19.570, 48.213
Yxy	13.1246, 0.3961, 0.3586
Android (android.graphics.Color)	4286733646 (0xFF825D4E)
YUV	102.3530, -12.0060, 24.2464
Hunter-Lab	36.2279, 8.0221, 10.6679

Details

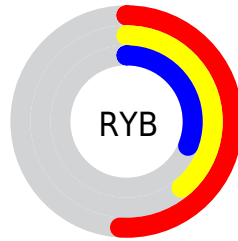
The XYZ color **14.4954, 13.1246, 8.9770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.3016, 15.4922, 23.4082**, and the grayscale version is **12.7476, 13.4115, 14.6051**.

A 20% lighter version of the original color is **33.4204, 31.3676, 24.3718**, and **4.5297, 3.8108, 2.0102** is the 20% darker color. If you saturate the color by 10%, you get **13.3113, 11.4301, 6.5058**, and if you desaturate by 10%, it is **15.8705, 15.0537, 11.9669**.

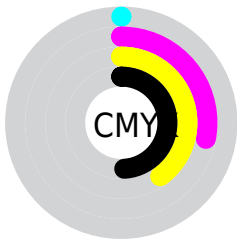
Distribution



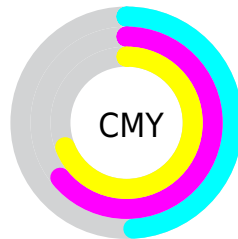
- Red (51%)
- Green (36%)
- Blue (31%)



- Red (51%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4954, 13.1246, 8.9770 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 14.4954, 13.1246, 8.9770 by changing the saturation by 10% instead.

■ 14.4954, 13.1246,
8.9770

■ 14.4954, 13.1246,
8.9770

213.7408,
211.7147, 193.4180

■ 8.5500, 7.5144,
4.6296

■ 33.5445, 31.5275,
24.4297

■ 4.5036, 3.7858,
1.9767

■ 47.3789, 45.0889,
36.3720

■ 1.9908, 1.5545,
0.5409

■ 64.5737, 62.0695,
51.6831

■ 0.6288, 0.3266,
0.0000

■ 85.4942, 82.8538,
70.7814

■ 0.0000, 0.0000,
0.0000

■ 110.5058,
107.8260, 94.0855

139.9739,

137.3707, 122.0139

174.2638,
171.8721, 154.9852

■ 14.4954, 13.1246,
8.9770

■ 14.4954, 13.1246,
8.9770

■ 13.3113, 11.4301,
6.5058

■ 15.8705, 15.0537,
11.9669

■ 12.3084, 9.9591,
4.5225

■ 17.4440, 17.2240,
15.5020

■ 11.4772, 8.7024,
2.9943

■ 19.2240, 19.6445,
19.6084

■ 10.8069, 7.6494,
1.8842

■ 21.2179, 22.3229,
24.3097

■ 10.2854, 6.7886,
1.1490

■ 23.4326, 25.2666,
29.6287

■ 9.8834, 6.1008,
0.6567

■ 25.8750, 28.4827,
35.5867

■ 9.8834, 6.1008,
0.6567

■ 28.5513, 31.9782,
42.2040

■ 31.4676, 35.7596,
49.5000

■ 34.6299, 39.8333,
57.4934

Harmonies

Analogous

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



15.4175, 13.1246, 11.8626



14.4954, 13.1246, 8.9770



13.0726, 13.1246, 7.6373

Triad

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



14.4954, 13.1246, 8.9770



9.8605, 13.1246, 12.6697



13.3972, 13.1246, 23.6529

Complementary

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



14.4954, 13.1246, 8.9770



13.3016, 15.4922, 23.4082

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.



11.8950, 13.1246, 23.9896



14.4954, 13.1246, 8.9770



9.9321, 13.1246, 17.0288

Square

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



14.4954, 13.1246, 8.9770



10.4465, 13.1246, 9.4655



10.6508, 13.1246, 21.3711



14.7494, 13.1246, 20.5268

Rectangle

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



14.4954, 13.1246, 8.9770



12.0673, 13.1246, 7.5786



10.6508, 13.1246, 21.3711



12.8908, 13.1246, 24.1161

Sweetspot

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



14.4957, 13.1252, 8.9773



33.1102, 33.5877, 32.7981



15.0402, 11.4386, 17.7154



7.4199, 7.5014, 7.2511



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4957, 13.1252, 8.9773



23.6191, 20.3849, 11.8176



17.1462, 18.4261, 9.8607



4.4210, 4.5308, 4.5616



9.4820, 5.8604, 0.6314



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3016, 15.4922, 23.4082



21.1989, 25.1378, 40.9273



10.7658, 10.4207, 22.5630



4.3449, 4.6838, 5.4883



7.5800, 8.9786, 21.5835



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4954, 13.1246, 8.9770 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 14.4954, 13.1246, 8.9770 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

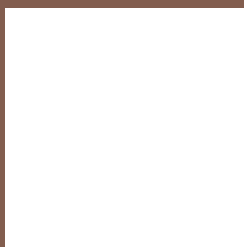
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4954, 13.1246, 8.9770

Background



This preview shows how black text looks on a background with the XYZ color 14.4954, 13.1246, 8.9770.



This preview shows how white text looks on a background with the XYZ color 14.4954, 13.1246,

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

14.4954, 13.1246, 8.9770

Protanopia

12.4587, 13.3001, 9.8932

Deuteranopia

13.4530, 13.2643, 8.8724



Tritanopia

15.3296, 13.0809, 13.0262

Trichromacy



Original Color

14.4954, 13.1246, 8.9770

Protanomaly

13.1495, 13.2308, 9.6453

Deuteranomaly

13.8346, 13.1867, 8.8373

Tritanomaly

14.9466, 13.0457, 11.4031

Monochromacy



Original Color

14.4954, 13.1246, 8.9770

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1197, 13.1587, 12.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4954, 13.1246, 8.9770 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(130, 93, 78)` looks like.

```
.text, #text, p{  
    color:rgb(130, 93, 78)  
}
```

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(130, 93, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 93, 78) }
```

Border

The CSS property to change the border of an element to XYZ 14.4954, 13.1246, 8.9770 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(130, 93, 78) }
```


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

```
.border{ border-color:rgb(130, 93, 78) }
```

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

Here you see how a box with a 4 pixel rgb(130, 93, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 93, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 93, 78);  
box-shadow:4px 4px 4px 4px rgb(130, 93,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4954, 13.1246, 8.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 93, 78) }
```

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

```
.background{ background-color: rgb(130, 93,  
78) }
```

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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