

Converting Colors

XYZ(15.9396, 13.3818, 8.6522)

Have a look what the booklet for
XYZ(15.9396, 13.3818, 8.6522)
contains.

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Color

**XYZ(15.8614, 13.3293,
8.5743)**

Conversions

Conversions Part 1

Format	Color
Hex	8D594C
RGB	141, 89, 76
RGB Percent	55%, 35%, 30%
CMY	0.4471, 0.6510, 0.7020
CMYK	0.00, 0.37, 0.46, 0.45
HSL	12°, 30%, 43%
HSV	12°, 46%, 55%
XYZ	15.8614, 13.3293, 8.5743
YIQ	103.0660, 35.1650, 6.9810

Conversions

Conversions Part 2

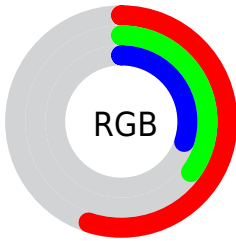
Format	Color
R_{YB}	141, 92, 76
Decimal	9263436
CIE _{Lab}	43.26, 19.87, 16.44
CIE _{LCh}	43, 25.786, 39.606
Yxy	13.3293, 0.4200, 0.3530
Android (android.graphics.Color)	4287453516 (0xFF8D594C)
YUV	103.0660, -13.3435, 33.2681
Hunter-Lab	36.5093, 13.6577, 11.6321

Details

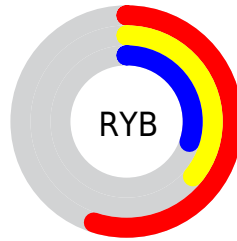
The XYZ color **15.8614, 13.3293, 8.5743** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5070, 18.8971, 28.0294**, and the grayscale version is **12.9376, 13.6114, 14.8228**.

A 20% lighter version of the original color is **35.9602, 31.8162, 23.6479**, and **5.1491, 3.9067, 1.8492** is the 20% darker color. If you saturate the color by 10%, you get **14.5561, 11.4192, 5.9801**, and if you desaturate by 10%, it is **17.4186, 15.5714, 11.7829**.

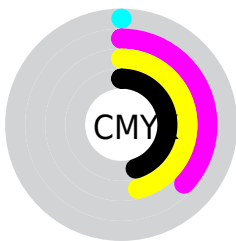
Distribution



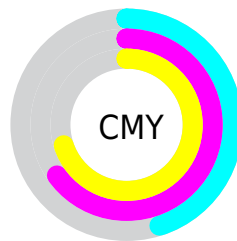
- Red (55%)
- Green (35%)
- Blue (30%)



- Red (55%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (45%)



- Cyan (45%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8614, 13.3293, 8.5743 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 15.8614, 13.3293, 8.5743 by changing the saturation by 10% instead.

■ 15.8614, 13.3293,
8.5743

■ 15.8614, 13.3293,
8.5743

221.8090,
213.0175, 190.2693

■ 9.5164, 7.6557,
4.3716

■ 35.9168, 31.8941,
23.6413

■ 5.1393, 3.8754,
1.8313

■ 50.3579, 45.5541,
35.3427

■ 2.3648, 1.6041,
0.4485

■ 68.2284, 62.6451,
50.3807

■ 0.8275, 0.3604,
0.0000

■ 89.8936, 83.5513,
69.1739

■ 0.0000, 0.0000,
0.0000

■ 115.7189,
108.6573, 92.1408

146.0697,

138.3474, 119.7000

181.3112,
173.0060, 152.2700

■ 15.8614, 13.3293,
8.5743

■ 15.8614, 13.3293,
8.5743

■ 14.5561, 11.4192,
5.9801

■ 17.4186, 15.5714,
11.7829

■ 13.4882, 9.8232,
3.9600

■ 19.2394, 18.1583,
15.6411

■ 12.6430, 8.5247,
2.4699

■ 21.3358, 21.1046,
20.1825

■ 12.0037, 7.5048,
1.4592

■ 23.7187, 24.4233,
25.4379

■ 11.5477, 6.7408,
0.8504

■ 26.3985, 28.1270,
31.4365

■ 11.4047, 6.5031,
0.6541

■ 29.3852, 32.2275,
38.2057

■ 32.6880, 36.7361,
45.7714

■ 36.3160, 41.6639,
54.1586

■ 40.2778, 47.0211,
63.3910

Harmonies

Analogous

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



16.8416, 13.3293, 12.7557



15.8614, 13.3293, 8.5743



14.0539, 13.3293, 6.4574

Triad

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



15.8614, 13.3293, 8.5743



9.4020, 13.3293, 11.0107



13.3203, 13.3293, 28.2690

Complementary

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



15.8614, 13.3293, 8.5743



15.5070, 18.8971, 28.0294

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.



11.3784, 13.3293, 27.4431



15.8614, 13.3293, 8.5743



9.2498, 13.3293, 16.4255

Square

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



15.8614, 13.3293, 8.5743



10.3769, 13.3293, 7.5862



9.9367, 13.3293, 22.7070



15.2762, 13.3293, 24.7334

Rectangle

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



15.8614, 13.3293, 8.5743



12.6955, 13.3293, 6.0644



9.9367, 13.3293, 22.7070



12.6427, 13.3293, 28.5096

Sweetspot

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



15.8617, 13.3300, 8.5746



38.9380, 38.8140, 37.7404



17.4653, 12.3902, 21.8931



8.5238, 8.4272, 8.0503



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.8617, 13.3300, 8.5746



26.0507, 20.4247, 10.6762



19.1873, 19.9811, 9.6831



5.4909, 5.5880, 5.6786



10.4086, 5.9489, 0.5997



0.1124, 0.0826, 0.0100

Inverse Universe

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



15.5070, 18.8971, 28.0294



25.3118, 31.6019, 49.8936



11.9257, 11.7345, 26.8357



5.4699, 5.9356, 6.8862



9.7582, 12.5024, 24.8760



0.1083, 0.1496, 0.2428

Previews

White Background



This preview shows how the XYZ color 15.8614, 13.3293, 8.5743 looks on a white background.

Color Contrast Check

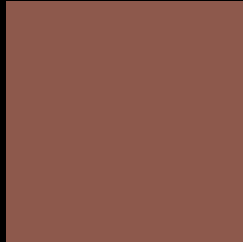
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8614, 13.3293, 8.5743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

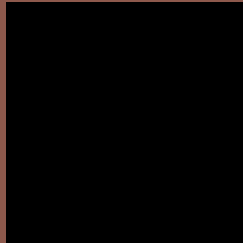
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8614, 13.3293, 8.5743

Background



This preview shows how black text looks on a background with the XYZ color 15.8614, 13.3293, 8.5743.



This preview shows how white text looks on a background with the XYZ color 15.8614, 13.3293,

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

15.8614, 13.3293, 8.5743

Protanopia

12.5810, 13.3631, 9.8989

Deuteranopia

13.6298, 13.3674, 8.3404



Tritanopia

16.5393, 13.3575, 12.0625

Trichromacy



Original Color

15.8614, 13.3293, 8.5743

Protanomaly

13.6078, 13.1935, 9.4188

Deuteranomaly

14.4155, 13.3595, 8.4755

Tritanomaly

16.3654, 13.4184, 10.7443

Monochromacy



Original Color

15.8614, 13.3293, 8.5743

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6796, 13.3076, 12.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8614, 13.3293, 8.5743 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(141, 89, 76)` looks like.

```
.text, #text, p{  
    color:rgb(141, 89, 76)  
}
```

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(141, 89, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 89, 76) }
```

Border

The CSS property to change the border of an element to XYZ 15.8614, 13.3293, 8.5743 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(141, 89, 76) }
```


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

```
.border{ border-color:rgb(141, 89, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 89, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 89, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 89, 76);  
box-shadow:4px 4px 4px 4px rgb(141, 89,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8614, 13.3293, 8.5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 89, 76) }
```

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

```
.background{ background-color: rgb(141, 89,  
76) }
```

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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