

Converting Colors

XYZ(15.8986, 13.3118, 8.8541)

Have a look what the booklet for
XYZ(15.8986, 13.3118, 8.8541)
contains.

XYZ(15.9320, 13.3575, 8.9463)	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(15.9320, 13.3575,
8.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	8D594E
RGB	141, 89, 78
RGB Percent	55%, 35%, 31%
CMY	0.4471, 0.6510, 0.6941
CMYK	0.00, 0.37, 0.45, 0.45
HSL	10°, 29%, 43%
HSV	10°, 45%, 55%
XYZ	15.9320, 13.3575, 8.9463
YIQ	103.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

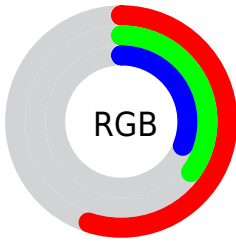
Format	Color
R_{YB}	141, 91, 78
Decimal	9263438
CIE Lab	43.30, 20.09, 15.29
CIE LCh	43, 25.250, 37.265
Yxy	13.3575, 0.4167, 0.3493
Android (android.graphics.Color)	4287453518 (0xFF8D594E)
YUV	103.2940, -12.4699, 33.0682
Hunter-Lab	36.5479, 13.8530, 11.0704

Details

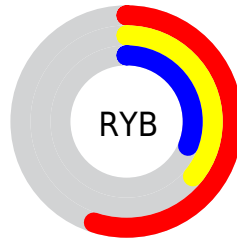
The XYZ color **15.9320, 13.3575, 8.9463** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9319, 19.5073, 28.1248**, and the grayscale version is **12.9959, 13.6727, 14.8896**.

A 20% lighter version of the original color is **36.0893, 31.8679, 24.3277**, and **5.1412, 3.8461, 1.9848** is the 20% darker color. If you saturate the color by 10%, you get **14.5867, 11.3909, 6.2656**, and if you desaturate by 10%, it is **17.5396, 15.6750, 12.2495**.

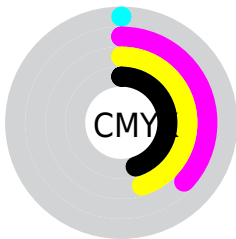
Distribution



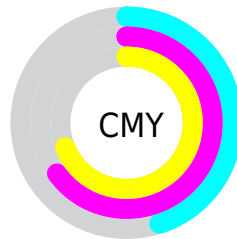
- Red (55%)
- Green (35%)
- Blue (31%)



- Red (55%)
- Yellow (36%)
- Blue (31%)



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



- Cyan (45%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9320, 13.3575, 8.9463 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 15.9320, 13.3575, 8.9463 by changing the saturation by 10% instead.

■ 15.9320, 13.3575,
8.9463

■ 15.9320, 13.3575,
8.9463

222.2184,
213.1963, 193.1801

■ 9.5666, 7.6752,
4.6098

■ 36.0385, 31.9446,
24.3698

■ 5.1726, 3.8878,
1.9655

■ 50.5103, 45.6181,
36.2940

■ 2.3847, 1.6110,
0.5339

■ 68.4150, 62.7242,
51.5844

■ 0.8375, 0.3650,
0.0000

■ 90.1178, 83.6472,
70.6597

■ 0.0000, 0.0000,
0.0000

■ 115.9843,
108.7715, 93.9384

146.3796,

138.4815, 121.8390

181.6692,
173.1617, 154.7800

■ 15.9320, 13.3575,
8.9463

■ 15.9320, 13.3575,
8.9463

■ 14.5867, 11.3909,
6.2656

■ 17.5396, 15.6750,
12.2495

■ 13.4883, 9.7561,
4.1674

■ 19.4214, 18.3574,
16.2102

■ 12.6218, 8.4351,
2.6081

■ 21.5900, 21.4203,
20.8618

■ 11.9696, 7.4074,
1.5379

■ 24.0569, 24.8779,
26.2351

■ 11.5108, 6.6496,
0.8922

■ 26.8329, 28.7435,
32.3591

■ 11.3242, 6.3421,
0.6273

■ 29.9282, 33.0300,
39.2611

■ 33.3526, 37.7494,
46.9673

■ 37.1155, 42.9136,
55.5023

■ 41.2260, 48.5338,
64.8899

Harmonies

Analogous

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



16.8061, 13.3575, 13.2235



15.9320, 13.3575, 8.9463



14.2063, 13.3575, 6.6973

Triad

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



15.9320, 13.3575, 8.9463



9.5322, 13.3575, 10.7643



13.1777, 13.3575, 28.0662

Complementary

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



15.9320, 13.3575, 8.9463



15.9319, 19.5073, 28.1248

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.



11.2966, 13.3575, 26.9185



15.9320, 13.3575, 8.9463



9.3173, 13.3575, 15.9497

Square

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



15.9320, 13.3575, 8.9463



10.5512, 13.3575, 7.5432



9.9307, 13.3575, 22.0933



15.1132, 13.3575, 24.9161

Rectangle

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



15.9320, 13.3575, 8.9463



12.8763, 13.3575, 6.2173



9.9307, 13.3575, 22.0933



12.5172, 13.3575, 28.1814

Sweetspot

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



15.9323, 13.3582, 8.9466



39.2509, 39.1851, 38.6296



17.7718, 12.7368, 22.8172



8.5823, 8.4926, 8.2288



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.



15.9323, 13.3582, 8.9466



26.0186, 20.2462, 11.0180



19.0761, 19.6458, 9.9945



5.4803, 5.5670, 5.6751



10.3344, 5.8004, 0.5749



0.1103, 0.0784, 0.0093

Inverse Universe

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



15.9319, 19.5073, 28.1248



25.9949, 32.7258, 50.0745



12.4116, 12.4666, 26.9513



5.4813, 5.9583, 6.8899



10.1279, 13.2419, 24.9992



0.1104, 0.1538, 0.2435

Previews

White Background



This preview shows how the XYZ color 15.9320, 13.3575, 8.9463 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 15.9320, 13.3575, 8.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

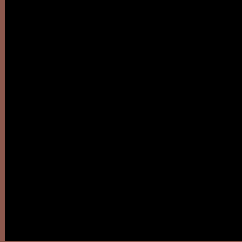
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9320, 13.3575, 8.9463

Background



This preview shows how black text looks on a background with the XYZ color 15.9320, 13.3575, 8.9463.



This preview shows how white text looks on a background with the XYZ color 15.9320, 13.3575,

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

15.9320, 13.3575, 8.9463

Protanopia

12.6583, 13.3940, 10.3057

Deuteranopia

13.5573, 13.3221, 8.6944



Tritanopia

16.5393, 13.3575, 12.0625

Trichromacy



Original Color

15.9320, 13.3575, 8.9463

Protanomaly

13.6828, 13.2235, 9.8139

Deuteranomaly

14.3339, 13.3094, 8.8347

Tritanomaly

16.4065, 13.4348, 10.9610

Monochromacy



Original Color

15.9320, 13.3575, 8.9463

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.7242, 13.3254, 12.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9320, 13.3575, 8.9463 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, 78)` looks like.

```
.text, #text, p{  
    color:rgb(141, 89, 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(141, 89, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 89, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.9320, 13.3575, 8.9463 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, 78) }
```


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

```
.border{ border-color:rgb(141, 89, 78) }
```

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, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 89, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 89, 78);  
box-shadow:4px 4px 4px 4px rgb(141, 89,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9320, 13.3575, 8.9463 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, 78) }
```

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

```
.background{ background-color: rgb(141, 89,  
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](#).

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