

Converting Colors

XYZ(16.5499, 13.8289, 8.0217)

Have a look what the booklet for
XYZ(16.5499, 13.8289, 8.0217)
contains.

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Color

**XYZ(16.5358, 13.8131,
8.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	915A49
RGB	145, 90, 73
RGB Percent	57%, 35%, 29%
CMY	0.4314, 0.6470, 0.7137
CMYK	0.00, 0.38, 0.50, 0.43
HSL	14°, 33%, 43%
HSV	14°, 50%, 57%
XYZ	16.5358, 13.8131, 8.0980
YIQ	104.5070, 38.2370, 6.3730

Conversions

Conversions Part 2

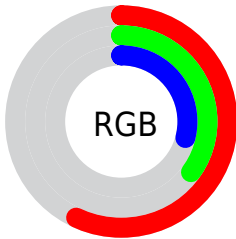
Format	Color
R_{YB}	145, 95, 73
Decimal	9525833
CIE Lab	43.96, 20.66, 19.28
CIE LCh	44, 28.258, 43.017
Yxy	13.8131, 0.4301, 0.3593
Android (android.graphics.Color)	4287715913 (0xFF915A49)
YUV	104.5070, -15.5330, 35.5124
Hunter-Lab	37.1660, 14.3773, 13.0976

Details

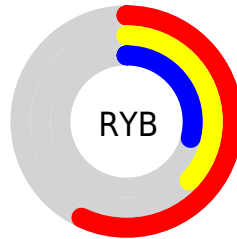
The XYZ color **16.5358, 13.8131, 8.0980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5772, 18.8983, 29.6147**, and the grayscale version is **13.3278, 14.0219, 15.2698**.

A 20% lighter version of the original color is **37.1251, 32.8724, 22.8007**, and **5.4000, 4.0406, 1.6577** is the 20% darker color. If you saturate the color by 10%, you get **15.2444, 11.9120, 5.5659**, and if you desaturate by 10%, it is **18.0793, 16.0389, 11.2674**.

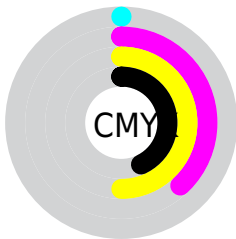
Distribution



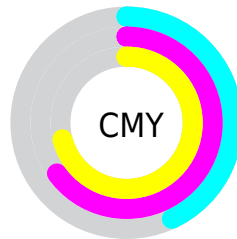
- Red (57%)
- Green (35%)
- Blue (29%)



- Red (57%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (43%)





- Cyan (43%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5358, 13.8131, 8.0980 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 16.5358, 13.8131, 8.0980 by changing the saturation by 10% instead.


 16.5358, 13.8131,
8.0980


 16.5358, 13.8131,
8.0980


225.6917,
216.0650, 186.4619


 9.9973, 7.9908,
4.0690


 37.0759, 32.7570,
22.6997


 5.4594, 4.0891,
1.6633

 51.8082, 46.6474,
34.1095


 2.5568, 1.7235,
0.3354

 70.0026, 63.9960,
48.8166

 0.9240, 0.4388,
0.0000

 92.0243, 85.1871,
67.2397

 0.0000, 0.0000,
0.0000

 118.2387,
110.6052, 89.7972

149.0111,

140.6346, 116.9077

184.7070,
175.6597, 148.9898

■ 16.5358, 13.8131,
8.0980

■ 16.5358, 13.8131,
8.0980

■ 15.2444, 11.9120,
5.5659

■ 18.0793, 16.0389,
11.2674

■ 14.1899, 10.3180,
3.6267

■ 19.8867, 18.6017,
15.1129

■ 13.3572, 9.0152,
2.2313

■ 21.9703, 21.5157,
19.6711

■ 12.7286, 7.9850,
1.3224

■ 24.3414, 24.7936,
24.9757

■ 12.2698, 7.2010,
0.7576

■ 27.0105, 28.4474,
31.0582

■ 12.2560, 7.1777,
0.7395

■ 29.9877, 32.4888,
37.9485

■ 33.2826, 36.9287,
45.6746

■ 36.9043, 41.7777,
54.2633

■ 40.8616, 47.0461,
63.7404

Harmonies

Analogous

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



17.7872, 13.8131, 12.4299



16.5358, 13.8131, 8.0980



14.4273, 13.8131, 6.0599

Triad

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



16.5358, 13.8131, 8.0980



9.4262, 13.8131, 11.7178



14.1229, 13.8131, 30.5396

Complementary

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



16.5358, 13.8131, 8.0980



15.5772, 18.8983, 29.6147

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.



11.9109, 13.8131, 30.1867



16.5358, 13.8131, 8.0980



9.3645, 13.8131, 17.9924

Square

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



16.5358, 13.8131, 8.0980



10.4049, 13.8131, 7.7051



10.2254, 13.8131, 25.1199



16.2912, 13.8131, 25.9791

Rectangle

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



16.5358, 13.8131, 8.0980



12.9036, 13.8131, 5.7803



10.2254, 13.8131, 25.1199



13.3569, 13.8131, 31.0229

Sweetspot

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



16.5361, 13.8138, 8.0983



41.1250, 40.9990, 39.1852



17.9691, 12.3487, 21.9276



8.9752, 8.8804, 8.3304



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.5361, 13.8138, 8.0983



26.9712, 20.8407, 9.3442



20.3149, 21.3714, 9.3579



5.5059, 5.6180, 5.6836



10.5301, 6.1919, 0.6402



0.1154, 0.0886, 0.0110

Inverse Universe

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



15.5772, 18.8983, 29.6147



25.0057, 31.0037, 52.6399



11.7031, 11.1499, 28.3233



5.4538, 5.9034, 6.8808



9.2572, 11.5004, 24.7090



0.1053, 0.1436, 0.2418

Previews

White Background



This preview shows how the XYZ color 16.5358, 13.8131, 8.0980 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 16.5358, 13.8131, 8.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

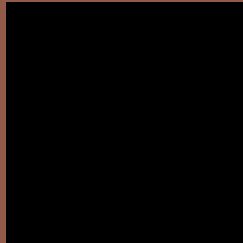
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5358, 13.8131, 8.0980

Background



This preview shows how black text looks on a background with the XYZ color 16.5358, 13.8131, 8.0980.



This preview shows how white text looks on a background with the XYZ color 16.5358, 13.8131,

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

16.5358, 13.8131, 8.0980

Protanopia

13.0437, 13.9099, 9.3945

Deuteranopia

14.1519, 13.9292, 7.9040



Tritanopia

17.4612, 13.8276, 12.3384

Trichromacy



Original Color

16.5358, 13.8131, 8.0980

Protanomaly

14.1136, 13.7446, 8.9303

Deuteranomaly

14.8683, 13.7392, 7.9992

Tritanomaly

17.0235, 13.7623, 10.5633

Monochromacy



Original Color

16.5358, 13.8131, 8.0980

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2787, 13.8977, 12.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5358, 13.8131, 8.0980 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(145, 90, 73)` looks like.

```
.text, #text, p{  
    color:rgb(145, 90, 73)  
}
```

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(145, 90, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 90, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.5358, 13.8131, 8.0980 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(145, 90, 73) }
```


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

```
.border{ border-color:rgb(145, 90, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 90, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 90, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 90, 73);  
box-shadow:4px 4px 4px 4px rgb(145, 90,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5358, 13.8131, 8.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 90, 73) }
```

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

```
.background{ background-color: rgb(145, 90,  
73) }
```

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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