

Converting Colors

XYZ(14.6038, 13.0231, 9.2803)

Have a look what the booklet for
XYZ(14.6038, 13.0231, 9.2803)
contains.

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Color

**XYZ(14.6352, 13.0588,
9.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	835C50
RGB	131, 92, 80
RGB Percent	51%, 36%, 31%
CMY	0.4863, 0.6392, 0.6863
CMYK	0.00, 0.30, 0.39, 0.49
HSL	14°, 24%, 41%
HSV	14°, 39%, 51%
XYZ	14.6352, 13.0588, 9.3387
YIQ	102.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

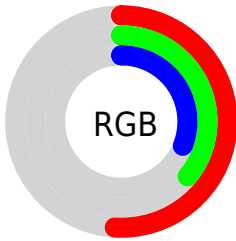
Format	Color
R_{YB}	131, 96, 80
Decimal	8608848
CIE _{Lab}	42.85, 14.32, 13.27
CIE _{LCh}	43, 19.523, 42.812
Yxy	13.0588, 0.3952, 0.3526
Android (android.graphics.Color)	4286798928 (0xFF835C50)
YUV	102.2930, -10.9904, 25.1760
Hunter-Lab	36.1370, 9.0515, 9.9738

Details

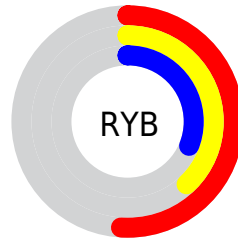
The XYZ color **14.6352, 13.0588, 9.3387** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0016, 16.5372, 23.9267**, and the grayscale version is **12.7292, 13.3921, 14.5840**.

A 20% lighter version of the original color is **33.6430, 31.2453, 25.0266**, and **4.5886, 3.7808, 2.0780** is the 20% darker color. If you saturate the color by 10%, you get **13.3865, 11.2619, 6.7629**, and if you desaturate by 10%, it is **16.0937, 15.1242, 12.4504**.

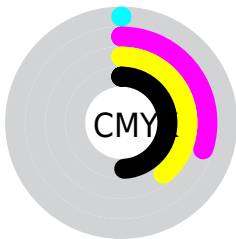
Distribution



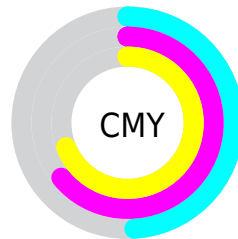
- Red (51%)
- Green (36%)
- Blue (31%)



- Red (51%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (49%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6352, 13.0588, 9.3387 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 14.6352, 13.0588, 9.3387 by changing the saturation by 10% instead.


 14.6352, 13.0588,
9.3387


 14.6352, 13.0588,
9.3387


214.5799,
211.2942, 196.1950


 8.6484, 7.4690,
4.8629


 33.7889, 31.4094,
25.1321


 4.5678, 3.7571,
2.1097

 47.6865, 44.9390,
37.2868


 2.0281, 1.5387,
0.6216

 64.9517, 61.8840,
52.8382

 0.6497, 0.3157,
0.0000

 85.9499, 82.6289,
72.2049

 0.0000, 0.0000,
0.0000

 111.0465,
107.5579, 95.8053

140.6068,

137.0555, 124.0582

174.9961,
171.5062, 157.3819

■ 14.6352, 13.0588,
9.3387

■ 14.6352, 13.0588,
9.3387

■ 13.3865, 11.2619,
6.7629

■ 16.0937, 15.1242,
12.4504

■ 12.3367, 9.7206,
4.6916

■ 17.7704, 17.4667,
16.1254

■ 11.4752, 8.4234,
3.0917

■ 19.6742, 20.0969,
20.3898

■ 10.7901, 7.3575,
1.9252

■ 21.8134, 23.0241,
25.2684

■ 10.2679, 6.5086,
1.1486

■ 24.1957, 26.2574,
30.7840

■ 9.8816, 5.8561,
0.6498

■ 26.8288, 29.8052,
36.9586

■ 9.8456, 5.7965,
0.5999

■ 29.7196, 33.6760,
43.8131

■ 32.8750, 37.8776,
51.3673

■ 36.3015, 42.4176,
59.6403

Harmonies

Analogous

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



15.4214, 13.0588, 12.4754



14.6352, 13.0588, 9.3387



13.2783, 13.0588, 7.7310

Triad

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



14.6352, 13.0588, 9.3387



9.8706, 13.0588, 11.9288



13.0584, 13.0588, 23.8171

Complementary

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



14.6352, 13.0588, 9.3387



14.0016, 16.5372, 23.9267

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.



11.5843, 13.0588, 23.5891



14.6352, 13.0588, 9.3387



9.8221, 13.0588, 16.1176

Square

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



14.6352, 13.0588, 9.3387



10.5645, 13.0588, 9.0079



10.4262, 13.0588, 20.5576



14.4632, 13.0588, 21.1294

Rectangle

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



14.6352, 13.0588, 9.3387



12.2719, 13.0588, 7.4958



10.4262, 13.0588, 20.5576



12.5531, 13.0588, 24.0925

Sweetspot

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



14.6355, 13.0594, 9.3390



34.0452, 34.3547, 33.8380



15.5646, 11.8971, 18.9604



7.8409, 7.8804, 7.6861



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.



14.6355, 13.0594, 9.3390



24.1476, 20.4220, 12.4653



17.2161, 18.2205, 10.1991



4.7550, 4.8536, 4.9156



9.6934, 5.7094, 0.5911



0.0384, 0.0295, 0.0037

Inverse Universe

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



14.0016, 16.5372, 23.9267



22.8269, 27.5766, 42.5729



11.3724, 11.2788, 23.0503



4.7112, 5.0981, 5.9365



8.5365, 10.6208, 22.7368



0.0351, 0.0479, 0.0806

Previews

White Background



This preview shows how the XYZ color 14.6352, 13.0588, 9.3387 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 14.6352, 13.0588, 9.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

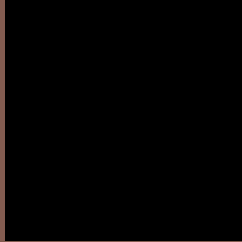
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6352, 13.0588, 9.3387

Background



This preview shows how black text looks on a background with the XYZ color 14.6352, 13.0588, 9.3387.



This preview shows how white text looks on a background with the XYZ color 14.6352, 13.0588,

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

14.6352, 13.0588, 9.3387

Protanopia

12.3173, 13.0733, 10.2617

Deuteranopia

13.2937, 13.0358, 9.2126



Tritanopia

15.4404, 13.1434, 12.7895

Trichromacy



Original Color

14.6352, 13.0588, 9.3387

Protanomaly

13.1315, 13.0729, 10.0148

Deuteranomaly

13.6719, 12.9599, 9.1781

Tritanomaly

15.1023, 13.1259, 11.4104

Monochromacy



Original Color

14.6352, 13.0588, 9.3387

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1981, 13.0542, 12.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6352, 13.0588, 9.3387 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(131, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(131, 92, 80)  
}
```

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(131, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 92, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.6352, 13.0588, 9.3387 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(131, 92, 80) }
```


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

```
.border{ border-color:rgb(131, 92, 80) }
```

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

Here you see how a box with a 4 pixel rgb(131, 92, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(131, 92,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6352, 13.0588, 9.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 92, 80) }
```

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

```
.background{ background-color: rgb(131, 92,  
80) }
```

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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