

Converting Colors

XYZ(17.6709, 13.1244, 10.4991)

Have a look what the booklet for
XYZ(17.6709, 13.1244, 10.4991)
contains.

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Color

**XYZ(17.6852, 13.1815,
10.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	995056
RGB	153, 80, 86
RGB Percent	60%, 31%, 34%
CMY	0.4000, 0.6863, 0.6627
CMYK	0.00, 0.48, 0.44, 0.40
HSL	355°, 31%, 46%
HSV	355°, 48%, 60%
XYZ	17.6852, 13.1815, 10.4163
YIQ	102.5110, 41.5820, 17.3420

Conversions

Conversions Part 2

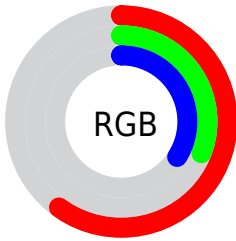
Format	Color
R_{YB}	153, 80, 86
Decimal	10047574
CIE Lab	43.04, 30.98, 10.31
CIE LCh	43, 32.657, 18.412
Yxy	13.1815, 0.4284, 0.3193
Android (android.graphics.Color)	4288237654 (0xFF995056)
YUV	102.5110, -8.1399, 44.2789
Hunter-Lab	36.3063, 23.4132, 8.4041

Details

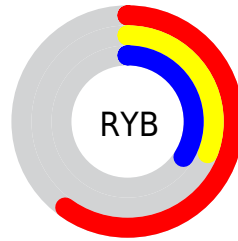
The XYZ color **17.6852, 13.1815, 10.4163** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9666, 26.5947, 31.6862**, and the grayscale version is **12.7766, 13.4420, 14.6384**.

A 20% lighter version of the original color is **39.1386, 31.7118, 27.3507**, and **6.0623, 3.8458, 2.5206** is the 20% darker color. If you saturate the color by 10%, you get **16.1785, 10.9864, 7.3915**, and if you desaturate by 10%, it is **19.5589, 15.9326, 14.1122**.

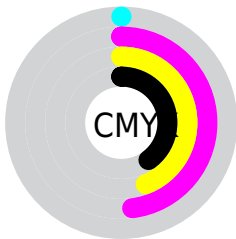
Distribution



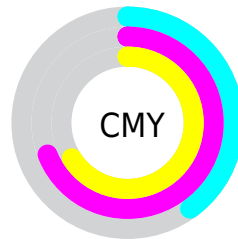
- Red (60%)
- Green (31%)
- Blue (34%)



- Red (60%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6852, 13.1815, 10.4163 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 17.6852, 13.1815, 10.4163 by changing the saturation by 10% instead.

■ 17.6852, 13.1815,
10.4163

■ 17.6852, 13.1815,
10.4163

232.1707,
212.0776, 204.2096

■ 10.8225, 7.5536,
5.5666

■ 39.0345, 31.6295,
27.1956

■ 6.0140, 3.8107,
2.5189

■ 54.2518, 45.2184,
39.9623

■ 2.8944, 1.5682,
0.8502

■ 72.9847, 62.2298,
56.2051

■ 1.0981, 0.3360,
0.0000

■ 95.5986, 83.0480,
76.3426

■ 0.0236, 0.0000,
0.0000

■ 122.4588,
108.0575, 100.7932

■ 0.0000, 0.0000,
0.0000

153.9306,

137.6427, 129.9755

190.3795,
172.1879, 164.3082

■ 17.6852, 13.1815,
10.4163

■ 17.6852, 13.1815,
10.4163

■ 16.1785, 10.9864,
7.3915

■ 19.5589, 15.9326,
14.1122

■ 15.0137, 9.3075,
4.9968

■ 21.8204, 19.2719,
18.5154

■ 14.1640, 8.1032,
3.1878


■ 24.4903, 23.2315,
23.6604


■ 13.5985, 7.3243,
1.9138


■ 27.5874, 27.8406,
29.5793


■ 13.2668, 6.8851,
1.1116


■ 31.1292, 33.1265,
36.3021

 13.2067, 6.8002,
0.9828

 35.1324, 39.1151,
43.8575

 39.6128, 45.8306,
52.2724

 44.5853, 53.2965,
61.5730

 50.0644, 61.5350,
71.7839

Harmonies

Analogous

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



17.8729, 13.1815, 17.3099



17.6852, 13.1815, 10.4163



16.0108, 13.1815, 6.3011

Triad

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



17.6852, 13.1815, 10.4163



9.2561, 13.1815, 6.9970



11.5845, 13.1815, 32.5843

Complementary

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



17.6852, 13.1815, 10.4163



19.9666, 26.5947, 31.6862

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.



9.5919, 13.1815, 27.3626



17.6852, 13.1815, 10.4163



8.3725, 13.1815, 11.7525

Square

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



17.6852, 13.1815, 10.4163



11.0660, 13.1815, 4.8303



8.4866, 13.1815, 19.1729



14.1148, 13.1815, 31.8546

Rectangle

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



17.6852, 13.1815, 10.4163



14.3885, 13.1815, 4.9581



8.4866, 13.1815, 19.1729



10.8364, 13.1815, 31.4112

Sweetspot

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



17.6855, 13.1822, 10.4165



45.6757, 44.3050, 45.8529



20.6364, 14.2332, 31.7964



9.8509, 9.4340, 9.6753



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.6855, 13.1822, 10.4165



28.8751, 19.5320, 13.0365



20.2062, 18.5941, 10.1144



6.2284, 6.2305, 6.5827



10.9209, 5.6226, 0.8423



0.1681, 0.0860, 0.0378

Inverse Universe

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



17.6855, 13.1822, 10.4165



28.8751, 19.5320, 13.0365



16.0900, 18.0688, 32.7764



6.2284, 6.2305, 6.5827



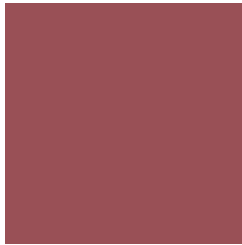
10.9209, 5.6226, 0.8423



0.1681, 0.0860, 0.0378

Previews

White Background



This preview shows how the XYZ color 17.6852, 13.1815, 10.4163 looks on a white background.

Color Contrast Check

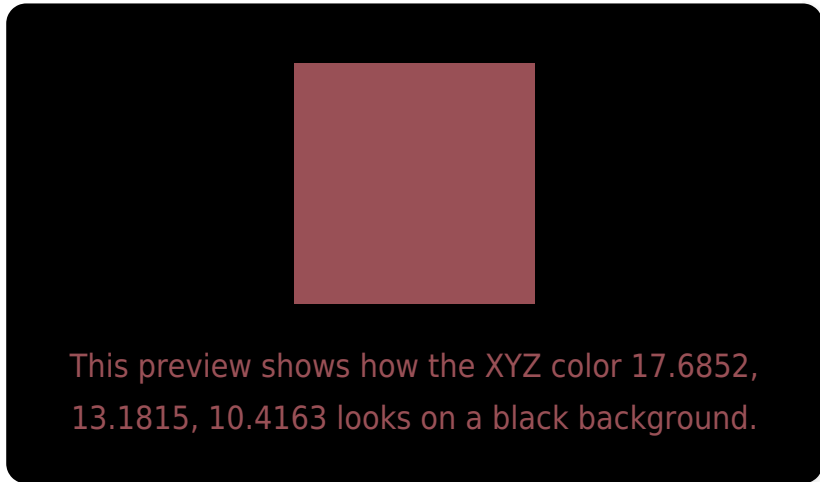
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

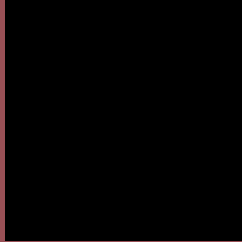
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6852, 13.1815, 10.4163

Background



This preview shows how black text looks on a background with the XYZ color 17.6852, 13.1815, 10.4163.



This preview shows how white text looks on a background with the XYZ color 17.6852, 13.1815,

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

17.6852, 13.1815, 10.4163

Protanopia

12.7347, 13.3691, 13.2186

Deuteranopia

13.5368, 13.2818, 10.0338



Tritanopia

17.6852, 13.1815, 10.4163

Trichromacy



Original Color

17.6852, 13.1815, 10.4163

Protanomaly

14.0045, 12.9333, 12.1142

Deuteranomaly

14.7014, 12.9476, 10.1118

Tritanomaly

17.6852, 13.1815, 10.4163

Monochromacy



Original Color

17.6852, 13.1815, 10.4163

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.1350, 13.1124, 13.0952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6852, 13.1815, 10.4163 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(153, 80, 86)` looks like.

```
.text, #text, p{  
    color:rgb(153, 80, 86)  
}
```

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(153, 80, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 80, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.6852, 13.1815, 10.4163 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(153, 80, 86) }
```


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

```
.border{ border-color:rgb(153, 80, 86) }
```

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

Here you see how a box with a 4 pixel rgb(153, 80, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 80, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 80, 86);  
box-shadow:4px 4px 4px 4px rgb(153, 80,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6852, 13.1815, 10.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 80, 86) }
```

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

```
.background{ background-color: rgb(153, 80,  
86) }
```

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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