

Converting Colors

XYZ(15.1278, 13.7814, 10.1205)

Have a look what the booklet for
XYZ(15.1278, 13.7814, 10.1205)
contains.

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Color

**XYZ(15.1043, 13.8156,
10.0542)**

Conversions

Conversions Part 1

Format	Color
Hex	836053
RGB	131, 96, 83
RGB Percent	51%, 38%, 33%
CMY	0.4863, 0.6235, 0.6745
CMYK	0.00, 0.27, 0.37, 0.49
HSL	16°, 22%, 42%
HSV	16°, 37%, 51%
XYZ	15.1043, 13.8156, 10.0542
YIQ	104.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

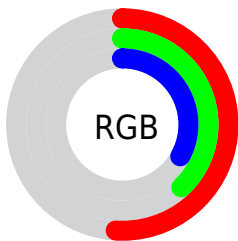
Format	Color
R_{YB}	131, 101, 83
Decimal	8609875
CIE _{Lab}	43.97, 12.35, 12.99
CIE _{LCh}	44, 17.924, 46.463
Yxy	13.8156, 0.3875, 0.3545
Android (android.graphics.Color)	4286799955 (0xFF836053)
YUV	104.9830, -10.8376, 22.8169
Hunter-Lab	37.1693, 7.4897, 9.9808

Details

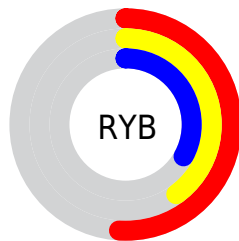
The XYZ color **15.1043, 13.8156, 10.0542** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1422, 16.4340, 23.8995**, and the grayscale version is **13.4467, 14.1469, 15.4060**.

A 20% lighter version of the original color is **34.6062, 32.8477, 26.3461**, and **4.7987, 4.1266, 2.3773** is the 20% darker color. If you saturate the color by 10%, you get **13.8265, 11.9943, 7.3643**, and if you desaturate by 10%, it is **16.5843, 15.8883, 13.2833**.

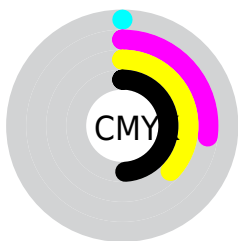
Distribution



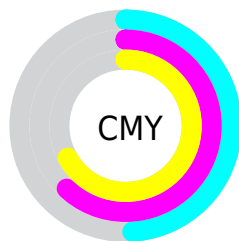
- Red (51%)
- Green (38%)
- Blue (33%)



- Red (51%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1043, 13.8156, 10.0542 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 15.1043, 13.8156, 10.0542 by changing the saturation by 10% instead.

■ 15.1043, 13.8156,
10.0542

■ 15.1043, 13.8156,
10.0542

217.3725,
216.0806, 201.5573

■ 8.9794, 7.9925,
5.3288

■ 34.6062, 32.7615,
26.5068

■ 4.7848, 4.0902,
2.3794

■ 48.7139, 46.6531,
39.0711

■ 2.1550, 1.7241,
0.7752

■ 66.2133, 64.0030,
55.0855

■ 0.7188, 0.4392,
0.0000

■ 87.4697, 85.1955,
74.9685

■ 0.0000, 0.0000,
0.0000

■ 112.8485,
110.6152, 99.1386

142.7150,

140.6463, 128.0145

177.4345,
175.6734, 162.0145

■ 15.1043, 13.8156,
10.0542

■ 15.1043, 13.8156,
10.0542

■ 13.8265, 11.9943,
7.3643

■ 16.5843, 15.8883,
13.2833

■ 12.7406, 10.4127,
5.1832

■ 18.2741, 18.2195,
17.0783

■ 11.8371, 9.0609,
3.4785

■ 20.1819, 20.8186,
21.4649

■ 11.1051, 7.9280,
2.2139

■ 22.3155, 23.6938,
26.4671

■ 10.5323, 7.0016,
1.3474

■ 24.6821, 26.8532,
32.1076

■ 10.0998, 6.2661,
0.8035

■ 27.2885, 30.3042,
38.4077

■ 9.9756, 6.0563,
0.6432

■ 30.1414, 34.0543,
45.3881

■ 33.2471, 38.1104,
53.0682

■ 36.6118, 42.4793,
61.4669

Harmonies

Analogous

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



15.9291, 13.8156, 12.9328



15.1043, 13.8156, 10.0542



13.7812, 13.8156, 8.6466

Triad

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



15.1043, 13.8156, 10.0542



10.6505, 13.8156, 13.2849



13.9208, 13.8156, 23.8621

Complementary

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



15.1043, 13.8156, 10.0542



14.1422, 16.4340, 23.8995

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.



12.5022, 13.8156, 24.0031



15.1043, 13.8156, 10.0542



10.6819, 13.8156, 17.3708

Square

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



15.1043, 13.8156, 10.0542



11.2489, 13.8156, 10.2718



11.3381, 13.8156, 21.4570



15.2129, 13.8156, 21.1010

Rectangle

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



15.1043, 13.8156, 10.0542



12.8262, 13.8156, 8.5313



11.3381, 13.8156, 21.4570



13.4412, 13.8156, 24.2326

Sweetspot

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



15.1047, 13.8163, 10.0545



34.5160, 35.0739, 34.6808



15.7353, 12.3247, 18.7516



7.9460, 8.0433, 7.8676



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.



15.1047, 13.8163, 10.0545



25.1084, 21.9798, 13.9074



17.6139, 18.8348, 10.8909



4.7677, 4.8789, 4.9198



9.8214, 5.9654, 0.6338



0.0394, 0.0315, 0.0040

Inverse Universe

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



14.1422, 16.4340, 23.8995



23.1102, 27.3718, 42.5184



11.6847, 11.5189, 23.0803



4.6978, 5.0712, 5.9320



8.1086, 9.7651, 22.5942



0.0342, 0.0459, 0.0803

Previews

White Background



This preview shows how the XYZ color 15.1043, 13.8156, 10.0542 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 15.1043, 13.8156, 10.0542 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 15.1043, 13.8156, 10.0542

Background



This preview shows how black text looks on a background with the XYZ color 15.1043, 13.8156, 10.0542.



This preview shows how white text looks on a background with the XYZ color 15.1043, 13.8156,

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

15.1043, 13.8156, 10.0542

Protanopia

13.1010, 13.9037, 11.0100

Deuteranopia

14.1062, 13.8611, 9.9146



Tritanopia

15.9362, 13.7548, 14.1269

Trichromacy



Original Color

15.1043, 13.8156, 10.0542

Protanomaly

13.8046, 13.8308, 10.7461

Deuteranomaly

14.4423, 13.8929, 9.9030

Tritanomaly

15.5388, 13.7191, 12.4187

Monochromacy



Original Color

15.1043, 13.8156, 10.0542

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8485, 13.9432, 13.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1043, 13.8156, 10.0542 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, 96, 83) looks like.

```
.text, #text, p{  
    color:rgb(131, 96, 83)  
}
```

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, 96, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 96, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.1043, 13.8156, 10.0542 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, 96, 83) }
```


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

```
.border{ border-color:rgb(131, 96, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 96, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 96, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 96, 83);  
box-shadow:4px 4px 4px 4px rgb(131, 96,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1043, 13.8156, 10.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 96, 83) }
```

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

```
.background{ background-color: rgb(131, 96,  
83) }
```

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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