

Converting Colors

XYZ(15.8622, 13.6797, 9.9475)

Have a look what the booklet for
XYZ(15.8622, 13.6797, 9.9475)
contains.

XYZ(15.8697, 13.6821, 9.9881)	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(15.8697, 13.6821,
9.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5C53
RGB	138, 92, 83
RGB Percent	54%, 36%, 33%
CMY	0.4588, 0.6392, 0.6745
CMYK	0.00, 0.33, 0.40, 0.46
HSL	10°, 25%, 43%
HSV	10°, 40%, 54%
XYZ	15.8697, 13.6821, 9.9881
YIQ	104.7280, 30.3050, 6.9530

Conversions

Conversions Part 2

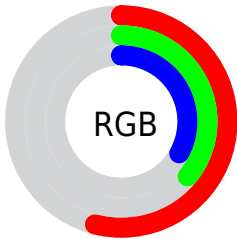
Format	Color
R_{YB}	138, 94, 83
Decimal	9067603
CIE Lab	43.77, 17.68, 12.86
CIE LCh	44, 21.862, 36.026
Yxy	13.6821, 0.4014, 0.3460
Android (android.graphics.Color)	4287257683 (0xFF8A5C53)
YUV	104.7280, -10.7119, 29.1795
Hunter-Lab	36.9893, 11.8514, 9.8827

Details

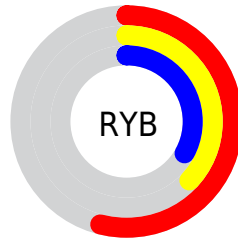
The XYZ color **15.8697, 13.6821, 9.9881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0046, 19.3737, 26.9407**, and the grayscale version is **13.3763, 14.0729, 15.3254**.

A 20% lighter version of the original color is **35.9796, 32.6483, 26.2352**, and **5.1260, 3.9951, 2.3347** is the 20% darker color. If you saturate the color by 10%, you get **14.4643, 11.6408, 7.1475**, and if you desaturate by 10%, it is **17.5342, 16.0719, 13.4386**.

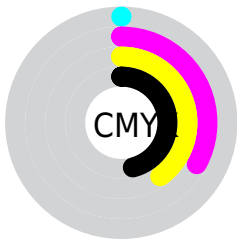
Distribution



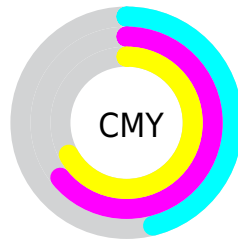
- Red (54%)
- Green (36%)
- Blue (33%)



- Red (54%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (46%)





- Cyan (46%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8697, 13.6821, 9.9881 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 15.8697, 13.6821, 9.9881 by changing the saturation by 10% instead.


 15.8697, 13.6821,
9.9881


 15.8697, 13.6821,
9.9881


221.8572,
215.2441, 201.0688

 9.5223, 7.8999,
5.2856


 35.9311, 32.5239,
26.3806


 5.1432, 4.0310,
2.3541

 50.3758, 46.3523,
38.9076


 2.3671, 1.6909,
0.7613

 68.2503, 63.6315,
54.8799

 0.8287, 0.4178,
0.0000

 89.9200, 84.7459,
74.7159

 0.0000, 0.0000,
0.0000

 115.7501,
110.0800, 98.8343

146.1061,

140.0182, 127.6536

181.3533,
174.9447, 161.5922

■ 15.8697, 13.6821,
9.9881

■ 15.8697, 13.6821,
9.9881

■ 14.4643, 11.6408,
7.1475

■ 17.5342, 16.0719,
13.4386

■ 13.3038, 9.9296,
4.8804

■ 19.4690, 18.8232,
17.5310

■ 12.3740, 8.5316,
3.1478


■ 21.6860, 21.9512,
22.2960


■ 11.6592, 7.4276,
1.9053


■ 24.1958, 25.4692,
27.7618


■ 11.1411, 6.5962,
1.1015


■ 27.0087, 29.3902,
33.9554


 10.7839, 6.0069,
0.5968

 30.1345, 33.7263,
40.9022

 10.7795, 5.9999,
0.5899

 33.5823, 38.4893,
48.6263

 37.3611, 43.6905,
57.1507

 41.4795, 49.3406,
66.4977

Harmonies

Analogous

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



16.5822, 13.6821, 13.9242



15.8697, 13.6821, 9.9881



14.3965, 13.6821, 7.8052

Triad

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



15.8697, 13.6821, 9.9881



10.2080, 13.6821, 11.3677



13.3550, 13.6821, 26.4549

Complementary

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



15.8697, 13.6821, 9.9881



16.0046, 19.3737, 26.9407

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.



11.7051, 13.6821, 25.3481



15.8697, 13.6821, 9.9881



9.9823, 13.6821, 15.9151

Square

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



15.8697, 13.6821, 9.9881



11.1529, 13.6821, 8.4701



10.5066, 13.6821, 21.1983



15.0503, 13.6821, 23.9559

Rectangle

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



15.8697, 13.6821, 9.9881



13.2352, 13.6821, 7.2998



10.5066, 13.6821, 21.1983



12.7763, 13.6821, 26.4983

Sweetspot

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



15.8701, 13.6828, 9.9884



37.2404, 37.3067, 37.1722



17.5870, 13.1949, 22.6512



8.2564, 8.2318, 8.1296



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.8701, 13.6828, 9.9884



25.6844, 20.7945, 12.9742



18.6097, 19.1621, 10.9016



5.0948, 5.1724, 5.2822



9.8911, 5.5167, 0.5435



0.0729, 0.0510, 0.0060

Inverse Universe

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



16.0046, 19.3737, 26.9407



25.9428, 32.2734, 47.2452



12.9308, 13.2261, 25.9161



5.1043, 5.5516, 6.4084



9.8789, 13.0282, 24.0397



0.0742, 0.1038, 0.1626

Previews

White Background



This preview shows how the XYZ color 15.8697, 13.6821, 9.9881 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 15.8697, 13.6821, 9.9881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

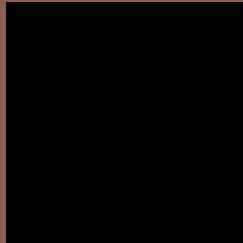
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8697, 13.6821, 9.9881

Background



This preview shows how black text looks on a background with the XYZ color 15.8697, 13.6821, 9.9881.



This preview shows how white text looks on a background with the XYZ color 15.8697, 13.6821,

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

15.8697, 13.6821, 9.9881

Protanopia

13.0602, 13.8731, 11.4406

Deuteranopia

13.9653, 13.7885, 9.9080



Tritanopia

16.4613, 13.6644, 13.0791

Trichromacy



Original Color

15.8697, 13.6821, 9.9881

Protanomaly

14.0232, 13.7955, 10.9405

Deuteranomaly

14.5501, 13.6706, 9.8545

Tritanomaly

16.3203, 13.7438, 11.9179

Monochromacy



Original Color

15.8697, 13.6821, 9.9881

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0510, 13.7593, 13.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8697, 13.6821, 9.9881 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(138, 92, 83)` looks like.

```
.text, #text, p{  
    color:rgb(138, 92, 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(138, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 92, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.8697, 13.6821, 9.9881 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(138, 92, 83) }
```


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

```
.border{ border-color:rgb(138, 92, 83) }
```

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

Here you see how a box with a 4 pixel rgb(138, 92, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(138, 92,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8697, 13.6821, 9.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 92, 83) }
```

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

```
.background{ background-color: rgb(138, 92,  
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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