

Converting Colors

XYZ(15.2312, 13.1068, 12.3673)

Have a look what the booklet for
XYZ(15.2312, 13.1068, 12.3673)
contains.

XYZ(15.1923, 13.0260, 12.3032)	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(15.1923, 13.0260,
12.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	845A5E
RGB	132, 90, 94
RGB Percent	52%, 35%, 37%
CMY	0.4824, 0.6470, 0.6314
CMYK	0.00, 0.32, 0.29, 0.48
HSL	354°, 19%, 44%
HSV	354°, 32%, 52%
XYZ	15.1923, 13.0260, 12.3032
YIQ	103.0140, 23.7480, 10.1480

Conversions

Conversions Part 2

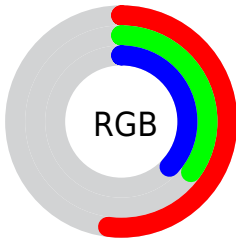
Format	Color
RYB	132, 90, 94
Decimal	8673886
CIELab	42.80, 17.89, 4.69
CIElCh	43, 18.498, 14.697
Yxy	13.0260, 0.3749, 0.3215
Android (android.graphics.Color)	4286863966 (0xFF845A5E)
YUV	103.0140, -4.4439, 25.4207
Hunter-Lab	36.0916, 11.9772, 5.0528

Details

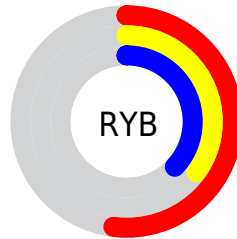
The XYZ color **15.1923, 13.0260, 12.3032** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3646, 20.2351, 23.4664**, and the grayscale version is **12.9031, 13.5751, 14.7832**.

A 20% lighter version of the original color is **34.6618, 31.2089, 30.5826**, and **4.8275, 3.7641, 3.2684** is the 20% darker color. If you saturate the color by 10%, you get **13.6811, 10.7959, 9.3567**, and if you desaturate by 10%, it is **16.9849, 15.6860, 15.7530**.

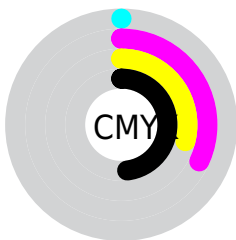
Distribution



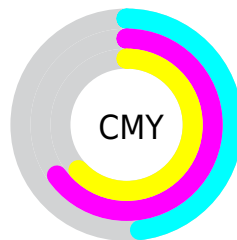
- Red (52%)
- Green (35%)
- Blue (37%)



- Red (52%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1923, 13.0260, 12.3032 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 15.1923, 13.0260, 12.3032 by changing the saturation by 10% instead.

■ 15.1923, 13.0260,
12.3032

■ 15.1923, 13.0260,
12.3032

217.8926,
211.0842, 217.4510

■ 9.0417, 7.4465,
6.8255

■ 34.7591, 31.3505,
30.7187

■ 4.8257, 3.7428,
3.2764

■ 48.9059, 44.8642,
44.4937

■ 2.1791, 1.5308,
1.2374

■ 66.4488, 61.7915,
61.8714

■ 0.7317, 0.3102,
0.0097

■ 87.7533, 82.5166,
83.2704

■ 0.0000, 0.0000,
0.0000

■ 113.1845,
107.4241, 109.1094

143.1079,

136.8982, 139.8068

177.8888,
171.3235, 175.7811

■ 15.1923, 13.0260,
12.3032

■ 15.1923, 13.0260,
12.3032

■ 13.6811, 10.7959,
9.3567

■ 16.9849, 15.6860,
15.7530

■ 12.4360, 8.9714,
6.8893

■ 19.0712, 18.7949,
19.7273

■ 11.4418, 7.5286,
4.8758

■ 21.4638, 22.3727,
24.2470

■ 10.6813, 6.4404,
3.2883

■ 24.1744, 26.4378,
29.3317

■ 10.1353, 5.6761,
2.0962

■ 27.2142, 31.0074,
34.9999

■ 9.7813, 5.1997,
1.2644

■ 30.5937, 36.0981,
41.2695

■ 9.5857, 4.9335,
0.8132

■ 34.3229, 41.7256,
48.1573

■ 38.4116, 47.9049,
55.6797

■ 42.8689, 54.6506,
63.8524

Harmonies

Analogous

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



15.1838, 13.0260, 16.3322



15.1923, 13.0260, 12.3032



14.4094, 13.0260, 9.3934

Triad

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



15.1923, 13.0260, 12.3032



10.5704, 13.0260, 9.3495



11.6791, 13.0260, 23.0663

Complementary

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



15.1923, 13.0260, 12.3032



16.3646, 20.2351, 23.4664

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.



10.5522, 13.0260, 20.3742



15.1923, 13.0260, 12.3032



9.9459, 13.0260, 12.2313

Square

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



15.1923, 13.0260, 12.3032



11.7057, 13.0260, 7.9211



9.9395, 13.0260, 16.2454



13.0814, 13.0260, 23.0956

Rectangle

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



15.1923, 13.0260, 12.3032



13.5759, 13.0260, 8.2586



9.9395, 13.0260, 16.2454



11.2580, 13.0260, 22.4230

Sweetspot

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



15.1927, 13.0266, 12.3035



34.2281, 34.0545, 35.9520



16.6935, 13.5526, 23.5661



7.8571, 7.7615, 8.1583



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.



15.1927, 13.0266, 12.3035



24.8390, 20.1063, 17.9321



16.5985, 16.1180, 11.9098



4.6893, 4.6954, 4.9760



9.2823, 4.7773, 0.7930



0.0332, 0.0170, 0.0085

Inverse Universe

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



15.1927, 13.0266, 12.3035



24.8390, 20.1063, 17.9321



14.5354, 16.1473, 24.1806



4.6893, 4.6954, 4.9760



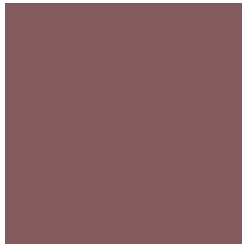
9.2823, 4.7773, 0.7930



0.0332, 0.0170, 0.0085

Previews

White Background



This preview shows how the XYZ color 15.1923, 13.0260, 12.3032 looks on a white background.

Color Contrast Check

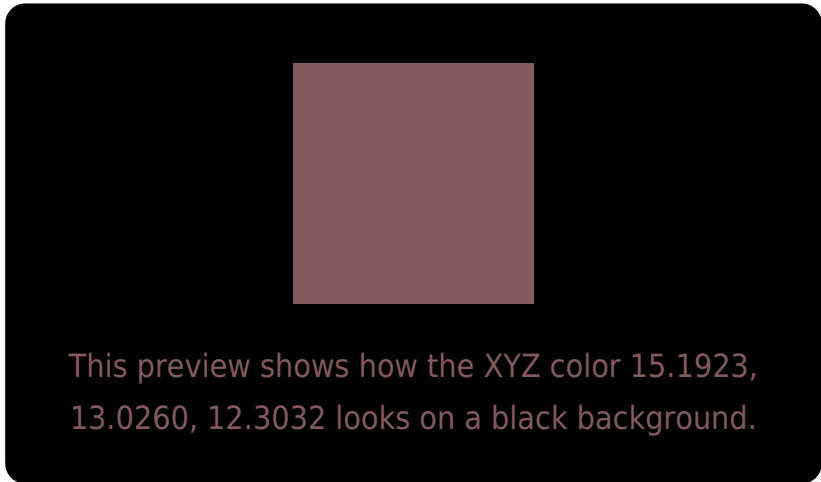
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1923, 13.0260, 12.3032

Background



This preview shows how black text looks on a background with the XYZ color 15.1923, 13.0260, 12.3032.



This preview shows how white text looks on a background with the XYZ color 15.1923, 13.0260,

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

15.1923, 13.0260, 12.3032

Protanopia

12.5474, 13.1110, 13.9260

Deuteranopia

13.2829, 13.1031, 12.1850



Tritanopia

15.2832, 13.0624, 12.7821

Trichromacy



Original Color

15.1923, 13.0260, 12.3032

Protanomaly

13.4187, 13.0086, 13.3589

Deuteranomaly

13.9532, 13.0397, 12.1374

Tritanomaly

15.2374, 13.0441, 12.5411

Monochromacy



Original Color

15.1923, 13.0260, 12.3032

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6074, 13.2329, 13.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1923, 13.0260, 12.3032 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(132, 90, 94)` looks like.

```
.text, #text, p{  
    color:rgb(132, 90, 94)  
}
```

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(132, 90, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 90, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.1923, 13.0260, 12.3032 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(132, 90, 94) }
```


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

```
.border{ border-color:rgb(132, 90, 94) }
```

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

Here you see how a box with a 4 pixel rgb(132, 90, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 90, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 90, 94);  
box-shadow:4px 4px 4px 4px rgb(132, 90,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1923, 13.0260, 12.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 90, 94) }
```

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

```
.background{ background-color: rgb(132, 90,  
94) }
```

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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