

Converting Colors

XYZ(16.2449, 13.7302, 15.4137)

Have a look what the booklet for
XYZ(16.2449, 13.7302, 15.4137)
contains.

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Color

**XYZ(16.2602, 13.7632,
15.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	865C6A
RGB	134, 92, 106
RGB Percent	53%, 36%, 42%
CMY	0.4745, 0.6392, 0.5843
CMYK	0.00, 0.31, 0.21, 0.47
HSL	340°, 19%, 44%
HSV	340°, 31%, 53%
XYZ	16.2602, 13.7632, 15.4352
YIQ	106.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

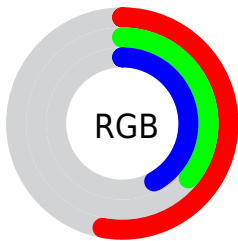
Format	Color
RYB	134, 92, 106
Decimal	8805482
CIELab	43.89, 19.41, -1.02
CIELCh	44, 19.440, 356.986
Yxy	13.7632, 0.3577, 0.3028
Android (android.graphics.Color)	4286995562 (0xFF865C6A)
YUV	106.1540, -0.0759, 24.4209
Hunter-Lab	37.0988, 13.3127, 1.3011




Details

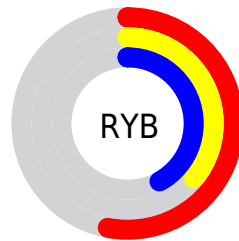
The XYZ color **16.2602, 13.7632, 15.4352** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3295, 20.6820, 20.9017**, and the grayscale version is **13.7384, 14.4538, 15.7402**.




A 20% lighter version of the original color is **36.6473, 32.7706, 36.2921**, and **5.2951, 4.0315, 4.6368** is the 20% darker color. If you saturate the color by 10%, you get **14.7598, 11.4676, 12.7611**, and if you desaturate by 10%, it is **18.0151, 16.4902, 18.4333**.

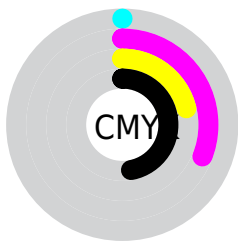
Distribution







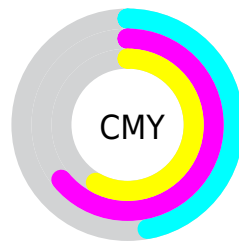
-  Red (53%)
-  Green (36%)
-  Blue (42%)






-  Red (53%)
-  Yellow (36%)
-  Blue (42%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (21%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (64%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2602, 13.7632, 15.4352 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 16.2602, 13.7632, 15.4352 by changing the saturation by 10% instead.

■ 16.2602, 13.7632,
15.4352

■ 16.2602, 13.7632,
15.4352

224.1126,
215.7527, 237.7163

■ 9.8005, 7.9562,
8.9754

■ 36.6031, 32.6683,
36.3679

■ 5.3281, 4.0669,
4.6285

■ 51.2171, 46.5351,
51.6779

■ 2.4778, 1.7111,
1.9761

■ 69.2798, 63.8573,
70.7750

■ 0.8841, 0.4308,
0.5405

■ 91.1567, 85.0192,
94.0777

■ 0.0000, 0.0000,
0.0000

117.2130,
110.4054, 122.0047

147.8142,

140.4000, 154.9744

183.3256,
175.3877, 193.4054

■ 16.2602, 13.7632,
15.4352

■ 16.2602, 13.7632,
15.4352

■ 14.7598, 11.4676,
12.7611

■ 18.0151, 16.4902,
18.4333

■ 13.5005, 9.5791,
10.3988

■ 20.0348, 19.6672,
21.7654

■ 12.4694, 8.0742,
8.3364

■ 22.3305, 23.3141,
25.4419

■ 11.6516, 6.9261,
6.5610

■ 24.9122, 27.4492,
29.4727

■ 11.0306, 6.1043,
5.0586

■ 27.7895, 32.0895,
33.8672

■ 10.5871, 5.5733,
3.8136

■ 30.9716, 37.2515,
38.6343

■ 10.2988, 5.2553,
2.9201

■ 34.4673, 42.9508,
43.7829

■ 38.2849, 49.2022,
49.3212

■ 42.4325, 56.0202,
55.2575

Harmonies

Analogous

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



15.7194, 13.7632, 20.0863



16.2602, 13.7632, 15.4352



15.8957, 13.7632, 11.4639

Triad

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



16.2602, 13.7632, 15.4352



11.7858, 13.7632, 8.6382



11.5365, 13.7632, 23.2623

Complementary

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



16.2602, 13.7632, 15.4352



16.3295, 20.6820, 20.9017

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.



10.6208, 13.7632, 19.1639



16.2602, 13.7632, 15.4352



10.7566, 13.7632, 10.8312

Square

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



16.2602, 13.7632, 15.4352



13.2375, 13.7632, 8.0232



10.3467, 13.7632, 14.5452



12.9267, 13.7632, 25.1264

Rectangle

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



16.2602, 13.7632, 15.4352



15.2029, 13.7632, 9.6100



10.3467, 13.7632, 14.5452



11.1673, 13.7632, 22.0653

Sweetspot

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



16.2606, 13.7638, 15.4355



36.1244, 35.9576, 39.6847



15.8765, 13.3693, 24.2983



8.0284, 7.9267, 8.7626



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.



16.2606, 13.7638, 15.4355



26.6267, 21.1490, 23.6116



16.2256, 14.7653, 12.1207



4.7319, 4.7124, 5.2003



9.6560, 4.9267, 2.7608



0.0366, 0.0183, 0.0260

Inverse Universe

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



16.2606, 13.7638, 15.4355



26.6267, 21.1490, 23.6116



16.3066, 19.1757, 25.3963



4.7319, 4.7124, 5.2003



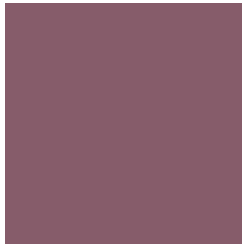
9.6560, 4.9267, 2.7608



0.0366, 0.0183, 0.0260

Previews

White Background



This preview shows how the XYZ color 16.2602, 13.7632, 15.4352 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

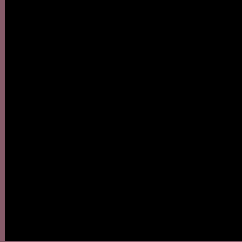
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2602, 13.7632, 15.4352

Background



This preview shows how black text looks on a background with the XYZ color 16.2602, 13.7632, 15.4352.



This preview shows how white text looks on a background with the XYZ color 16.2602, 13.7632,

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

16.2602, 13.7632, 15.4352

Protanopia

13.4244, 13.7763, 17.5743

Deuteranopia

14.0918, 13.8842, 15.0339



Tritanopia

15.8875, 13.7353, 13.8704

Trichromacy



Original Color

16.2602, 13.7632, 15.4352

Protanomaly

14.2157, 13.6269, 16.6329

Deuteranomaly

14.8026, 13.8202, 15.2520

Tritanomaly

15.9855, 13.7746, 14.3866

Monochromacy



Original Color

16.2602, 13.7632, 15.4352

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4577, 14.0610, 15.5877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2602, 13.7632, 15.4352 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(134, 92, 106)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 106)  
}
```

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(134, 92, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.2602, 13.7632, 15.4352 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(134, 92, 106) }
```


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

```
.border{ border-color:rgb(134, 92, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 92, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 106);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2602, 13.7632, 15.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 106) }
```

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

```
.background{ background-color: rgb(134, 92,  
106) }
```

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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