

Converting Colors

XYZ(16.7357, 14.8414, 15.6039)

Have a look what the booklet for
XYZ(16.7357, 14.8414, 15.6039)
contains.

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Color

**XYZ(16.6421, 14.7625,
15.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	85626A
RGB	133, 98, 106
RGB Percent	52%, 38%, 42%
CMY	0.4784, 0.6157, 0.5843
CMYK	0.00, 0.26, 0.20, 0.48
HSL	346°, 15%, 45%
HSV	346°, 26%, 52%
XYZ	16.6421, 14.7625, 15.6080
YIQ	109.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

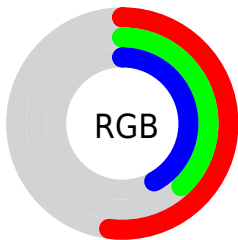
Format	Color
R_{YB}	133, 98, 106
Decimal	8741482
CIE _{Lab}	45.31, 15.47, 1.03
CIE _{LCh}	45, 15.501, 3.814
Yxy	14.7625, 0.3540, 0.3140
Android (android.graphics.Color)	4286931562 (0xFF85626A)
YUV	109.3770, -1.6649, 20.7174
Hunter-Lab	38.4220, 10.0770, 2.8103

Details

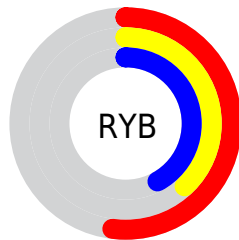
The XYZ color **16.6421, 14.7625, 15.6080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1268, 20.8528, 22.5254**, and the grayscale version is **14.6442, 15.4069, 16.7781**.

A 20% lighter version of the original color is **37.3268, 34.4940, 36.5890**, and **5.5405, 4.5224, 4.7186** is the 20% darker color. If you saturate the color by 10%, you get **14.9975, 12.2767, 12.5829**, and if you desaturate by 10%, it is **18.5582, 17.6888, 19.0390**.

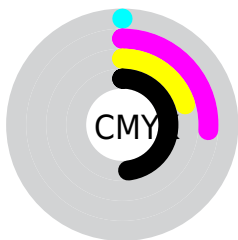
Distribution



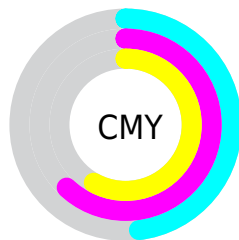
- Red (52%)
- Green (38%)
- Blue (42%)



- Red (52%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6421, 14.7625, 15.6080 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 16.6421, 14.7625, 15.6080 by changing the saturation by 10% instead.

■ 16.6421, 14.7625,
15.6080

■ 16.6421, 14.7625,
15.6080

226.2981,
221.9242, 238.7836

■ 10.0734, 8.6529,
9.0959

■ 37.2579, 34.4360,
36.6736

■ 5.5103, 4.5155,
4.7061

■ 52.0357, 48.7686,
52.0641

■ 2.5875, 1.9659,
2.0202

■ 70.2805, 66.6111,
71.2512

■ 0.9396, 0.5875,
0.5676

■ 92.3578, 88.3478,
94.6533

■ 0.0000, 0.0000,
0.0000

118.6328,
114.3630, 122.6891

149.4710,

145.0412, 155.7770

185.2376,
180.7668, 194.3357

■ 16.6421, 14.7625,
15.6080

■ 16.6421, 14.7625,
15.6080

■ 14.9975, 12.2767,
12.5829

■ 18.5582, 17.6888,
19.0390

■ 13.6107, 10.2080,
9.9475

■ 20.7562, 21.0735,
22.8894

■ 12.4687, 8.5341,
7.6860

■ 23.2474, 24.9358,
27.1732

■ 11.5568, 7.2295,
5.7810

■ 26.0422, 29.2933,
31.9034

■ 10.8585, 6.2660,
4.2136

■ 29.1506, 34.1628,
37.0924

■ 10.3555, 5.6110,
2.9633

■ 32.5817, 39.5602,
42.7524

■ 10.0175, 5.2095,
2.0043

■ 36.3448, 45.5008,
48.8949

■ 9.9124, 5.0824,
1.7133

■ 40.4484, 51.9991,
55.5309

■ 44.9008, 59.0692,
62.6714

Harmonies

Analogous

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



16.3658, 14.7625, 19.4008



16.6421, 14.7625, 15.6080



16.1845, 14.7625, 12.4509

Triad

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



16.6421, 14.7625, 15.6080



12.7015, 14.7625, 10.8852



12.9696, 14.7625, 23.2915

Complementary

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



16.6421, 14.7625, 15.6080



17.1268, 20.8528, 22.5254

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.



12.0781, 14.7625, 20.3392



16.6421, 14.7625, 15.6080



11.9301, 14.7625, 13.1508

Square

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



16.6421, 14.7625, 15.6080



13.8677, 14.7625, 9.9999



11.7089, 14.7625, 16.5489



14.1962, 14.7625, 24.2127

Rectangle

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



16.6421, 14.7625, 15.6080



15.5402, 14.7625, 11.0151



11.7089, 14.7625, 16.5489



12.6234, 14.7625, 22.4837

Sweetspot

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



16.6425, 14.7632, 15.6083



36.3951, 36.5417, 39.6437



17.0350, 14.7770, 24.1450



8.0774, 8.0442, 8.7186



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.



16.6425, 14.7632, 15.6083



27.8594, 23.4937, 24.3945



17.1705, 16.4541, 13.8270



4.7130, 4.7049, 5.1008



9.4444, 4.8421, 1.6464



0.0351, 0.0177, 0.0183

Inverse Universe

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



16.6425, 14.7632, 15.6083



27.8594, 23.4937, 24.3945



16.4371, 18.6225, 24.9187



4.7130, 4.7049, 5.1008



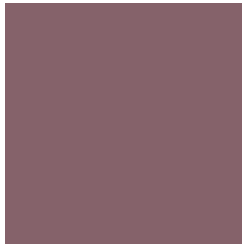
9.4444, 4.8421, 1.6464



0.0351, 0.0177, 0.0183

Previews

White Background



This preview shows how the XYZ color 16.6421, 14.7625, 15.6080 looks on a white background.

Color Contrast Check

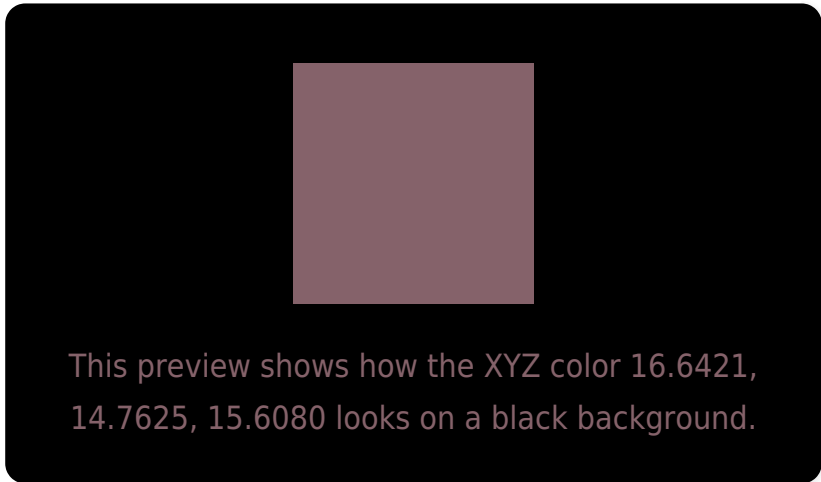
Large Text (above 18pt) WCAG AA ✓ Pass

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

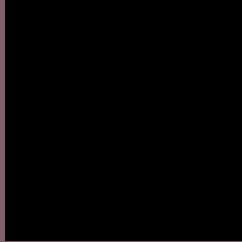
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6421, 14.7625, 15.6080

Background



This preview shows how black text looks on a background with the XYZ color 16.6421, 14.7625, 15.6080.



This preview shows how white text looks on a background with the XYZ color 16.6421, 14.7625,

15.6080.

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

16.6421, 14.7625, 15.6080

Protanopia

14.3113, 14.8512, 17.1512

Deuteranopia

15.1079, 14.8425, 15.4332



Tritanopia

16.6421, 14.7625, 15.6080

Trichromacy



Original Color

16.6421, 14.7625, 15.6080

Protanomaly

15.0467, 14.7867, 16.5291

Deuteranomaly

15.6134, 14.8077, 15.3999

Tritanomaly

16.6421, 14.7625, 15.6080

Monochromacy



Original Color

16.6421, 14.7625, 15.6080

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2296, 15.0374, 16.2872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6421, 14.7625, 15.6080 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(133, 98, 106)` looks like.

```
.text, #text, p{  
  color:rgb(133, 98, 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(133, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 98, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.6421, 14.7625, 15.6080 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(133, 98, 106) }
```


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

```
.border{ border-color:rgb(133, 98, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 98, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(133, 98,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6421, 14.7625, 15.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 98, 106) }
```

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

```
.background{ background-color: rgb(133, 98,  
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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