

Converting Colors

XYZ(18.7000, 16.8647, 15.3962)

Have a look what the booklet for
XYZ(18.7000, 16.8647, 15.3962)
contains.

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Color

**XYZ(18.7056, 16.8534,
15.3638)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6968
RGB	142, 105, 104
RGB Percent	56%, 41%, 41%
CMY	0.4431, 0.5882, 0.5922
CMYK	0.00, 0.26, 0.27, 0.44
HSL	2°, 15%, 48%
HSV	2°, 27%, 56%
XYZ	18.7056, 16.8534, 15.3638
YIQ	115.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

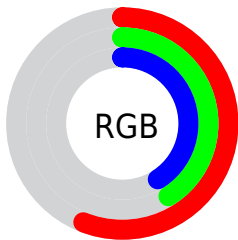
Format	Color
R_{YB}	142, 105, 104
Decimal	9333096
CIE _{Lab}	48.07, 14.65, 6.35
CIE _{LCh}	48, 15.969, 23.438
Yxy	16.8534, 0.3673, 0.3310
Android (android.graphics.Color)	4287523176 (0xFF8E6968)
YUV	115.9490, -5.8909, 22.8467
Hunter-Lab	41.0529, 9.4903, 6.5481

Details

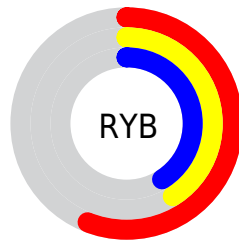
The XYZ color **18.7056, 16.8534, 15.3638** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1160, 23.9451, 29.1530**, and the grayscale version is **16.5979, 17.4623, 19.0164**.

A 20% lighter version of the original color is **40.5698, 37.8793, 36.1835**, and **6.5660, 5.5457, 4.5953** is the 20% darker color. If you saturate the color by 10%, you get **16.7487, 13.9983, 11.4476**, and if you desaturate by 10%, it is **21.0138, 20.2165, 19.9968**.

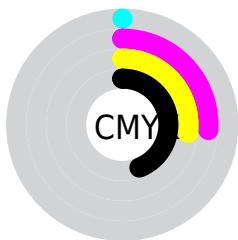
Distribution



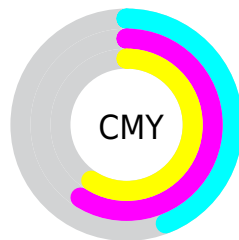
- Red (56%)
- Green (41%)
- Blue (41%)



- Red (56%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (27%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7056, 16.8534, 15.3638 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 18.7056, 16.8534, 15.3638 by changing the saturation by 10% instead.

■ 18.7056, 16.8534,
15.3638

■ 18.7056, 16.8534,
15.3638

237.7881,
234.3261, 237.2739

■ 11.5605, 10.1300,
8.9257

■ 40.7568, 38.0735,
36.2414

■ 6.5152, 5.4853,
4.5966

■ 56.3935, 53.3391,
51.5180

■ 3.2044, 2.5347,
1.9580

■ 75.5916, 72.2209,
70.5778

■ 1.2628, 0.8940,
0.5293

■ 98.7162, 95.1032,
93.8393

■ 0.1551, 0.0000,
0.0000

126.1328,
122.3705, 121.7212

■ 0.0000, 0.0000,
0.0000

158.2068,

154.4071, 154.6419

195.3034,
191.5976, 193.0199

■ 18.7056, 16.8534,
15.3638

■ 18.7056, 16.8534,
15.3638

■ 16.7487, 13.9983,
11.4476

■ 21.0138, 20.2165,
19.9968

■ 15.1247, 11.6244,
8.2115

■ 23.6880, 24.1082,
25.3787

■ 13.8154, 9.7058,
5.6169

■ 26.7435, 28.5508,
31.5411

■ 12.8005, 8.2135,
3.6213

■ 30.1945, 33.5644,
38.5133

■ 12.0571, 7.1150,
2.1767

■ 34.0545, 39.1683,
46.3232

■ 11.5591, 6.3730,
1.2281

■ 38.3362, 45.3809,
54.9974

■ 11.2699, 5.9395,
0.6846

■ 43.0518, 52.2198,
64.5611

■ 11.1961, 5.8322,
0.5356

■ 48.2130, 59.7018,
75.0387

■ 53.8313, 67.8431,
86.4536

Harmonies

Analogous

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



18.9406, 16.8534, 19.2750



18.7056, 16.8534, 15.3638



17.7315, 16.8534, 12.6722

Triad

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



18.7056, 16.8534, 15.3638



13.8889, 16.8534, 14.0066



15.7032, 16.8534, 27.4456

Complementary

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



18.7056, 16.8534, 15.3638



20.1160, 23.9451, 29.1530

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.



14.4198, 16.8534, 25.5130



18.7056, 16.8534, 15.3638



13.4138, 16.8534, 17.4560

Square

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



18.7056, 16.8534, 15.3638



14.9387, 16.8534, 11.9749



13.6022, 16.8534, 21.7011



17.1495, 16.8534, 26.6626

Rectangle

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



18.7056, 16.8534, 15.3638



16.8238, 16.8534, 11.7310



13.6022, 16.8534, 21.7011



15.2396, 16.8534, 27.0836

Sweetspot

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



18.7061, 16.8542, 15.3641



41.0684, 41.4898, 43.3366



20.9409, 17.5856, 27.6334



9.0231, 9.0492, 9.3780



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.7061, 16.8542, 15.3641



30.8754, 26.6417, 22.8662



20.8160, 21.0740, 16.0674



5.4196, 5.4455, 5.6548



10.0545, 5.2408, 0.4816



0.0980, 0.0537, 0.0052

Inverse Universe

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



20.1160, 23.9451, 29.1530



33.7832, 41.2686, 51.3129



17.5962, 18.9055, 28.3130



5.5482, 6.0922, 6.9123



12.5786, 18.1431, 25.8161



0.1228, 0.1784, 0.2477

Previews

White Background



This preview shows how the XYZ color 18.7056, 16.8534, 15.3638 looks on a white background.

Color Contrast Check

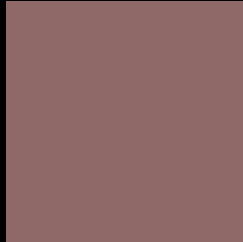
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7056, 16.8534, 15.3638 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 18.7056, 16.8534, 15.3638

Background



This preview shows how black text looks on a background with the XYZ color 18.7056, 16.8534, 15.3638.

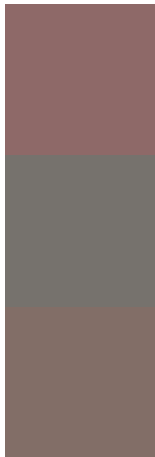


This preview shows how white text looks on a background with the XYZ color 18.7056, 16.8534,

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

18.7056, 16.8534, 15.3638

Protanopia

16.2488, 16.9903, 16.8910

Deuteranopia

17.2300, 16.8770, 15.1814



Tritanopia

19.2026, 16.9101, 17.5811

Trichromacy



Original Color

18.7056, 16.8534, 15.3638

Protanomaly

17.0907, 16.9424, 16.2794

Deuteranomaly

17.6423, 16.7727, 15.1396

Tritanomaly

19.0383, 16.8444, 16.7159

Monochromacy



Original Color

18.7056, 16.8534, 15.3638

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.1762, 17.1182, 17.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7056, 16.8534, 15.3638 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(142, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(142, 105, 104)  
}
```

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(142, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 105, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.7056, 16.8534, 15.3638 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(142, 105, 104) }
```


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

```
.border{ border-color:rgb(142, 105, 104) }
```

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

Here you see how a box with a 4 pixel rgb(142, 105, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(142, 105,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7056, 16.8534, 15.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 105, 104) }
```

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

```
.background{ background-color: rgb(142,  
105, 104) }
```

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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