

Converting Colors

XYZ(16.8366, 16.6303, 15.2270)

Have a look what the booklet for
XYZ(16.8366, 16.6303, 15.2270)
contains.

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Color

**XYZ(16.9262, 16.7203,
15.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	806E67
RGB	128, 110, 103
RGB Percent	50%, 43%, 40%
CMY	0.4980, 0.5686, 0.5961
CMYK	0.00, 0.14, 0.20, 0.50
HSL	17°, 11%, 45%
HSV	17°, 20%, 50%
XYZ	16.9262, 16.7203, 15.1672
YIQ	114.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

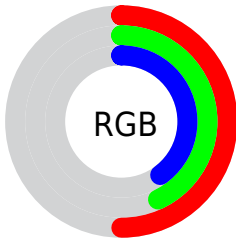
Format	Color
R_{YB}	128, 113, 103
Decimal	8416871
CIE _{Lab}	47.91, 5.85, 6.51
CIE _{LCh}	48, 8.749, 48.043
Yxy	16.7203, 0.3468, 0.3425
Android (android.graphics.Color)	4286606951 (0xFF806E67)
YUV	114.5840, -5.7109, 11.7658
Hunter-Lab	40.8905, 2.3300, 6.6313

Details

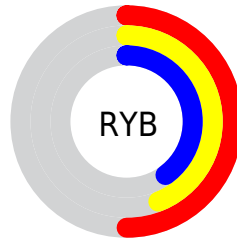
The XYZ color **16.9262, 16.7203, 15.1672** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3271, 18.1165, 23.0585**, and the grayscale version is **16.1842, 17.0270, 18.5424**.

A 20% lighter version of the original color is **37.8091, 37.9975, 35.9133**, and **5.5783, 5.3505, 4.4801** is the 20% darker color. If you saturate the color by 10%, you get **15.3893, 14.5971, 11.7242**, and if you desaturate by 10%, it is **18.6658, 19.0911, 19.1635**.

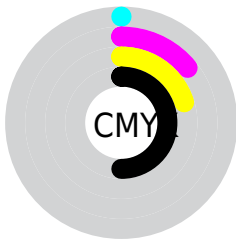
Distribution



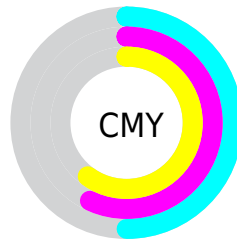
- Red (50%)
- Green (43%)
- Blue (40%)



- Red (50%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9262, 16.7203, 15.1672 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 16.9262, 16.7203, 15.1672 by changing the saturation by 10% instead.

■ 16.9262, 16.7203,
15.1672

■ 16.9262, 16.7203,
15.1672

227.9113,
233.5554, 236.0516

■ 10.2769, 10.0353,
8.7889

■ 37.7435, 37.8442,
35.8927

■ 5.6466, 5.4224,
4.5088

■ 52.6421, 53.0520,
51.0769

■ 2.6700, 2.4971,
1.9084

■ 71.0212, 71.8693,
70.0336

■ 0.9818, 0.8752,
0.4981

■ 93.2461, 94.6808,
93.1811

■ 0.0000, 0.0000,
0.0000

119.6822,
121.8708, 120.9382

150.6949,

153.8236, 153.7232

186.6495,
190.9236, 191.9548

■ 16.9262, 16.7203,
15.1672

■ 16.9262, 16.7203,
15.1672

■ 15.3893, 14.5971,
11.7242

■ 18.6658, 19.0911,
19.1635

■ 14.0462, 12.7113,
8.8088

■ 20.6139, 21.7151,
23.7351

■ 12.8892, 11.0551,
6.3951

■ 22.7778, 24.6003,
28.9038

■ 11.9095, 9.6194,
4.4543

■ 25.1640, 27.7537,
34.6905

■ 11.0978, 8.3945,
2.9549

■ 27.7788, 31.1822,
41.1144

■ 10.4435, 7.3700,
1.8612

■ 30.6280, 34.8922,
48.1945

■ 9.9350, 6.5344,
1.1321

■ 33.7176, 38.8901,
55.9486

■ 9.5450, 5.8696,
0.6471

■ 37.0529, 43.1820,
64.3940

■ 9.5286, 5.8420,
0.6254

■ 40.6394, 47.7737,
73.5472

Harmonies

Analogous

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



17.3759, 16.7203, 16.8951



16.9262, 16.7203, 15.1672



16.2079, 16.7203, 14.2839

Triad

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



16.9262, 16.7203, 15.1672



14.4563, 16.7203, 17.3218



16.3658, 16.7203, 22.6483

Complementary

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



16.9262, 16.7203, 15.1672



16.3271, 18.1165, 23.0585

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.



15.5805, 16.7203, 22.7864



16.9262, 16.7203, 15.1672



14.4954, 16.7203, 19.5821

Square

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



16.9262, 16.7203, 15.1672



14.7924, 16.7203, 15.4573



14.9011, 16.7203, 21.6248



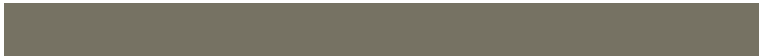
17.0450, 16.7203, 21.2617

Rectangle

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



16.9262, 16.7203, 15.1672



15.6812, 16.7203, 14.2402



14.9011, 16.7203, 21.6248



16.1050, 16.7203, 22.8462

Sweetspot

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



16.9267, 16.7211, 15.1676



33.9856, 35.1294, 36.3554



17.2242, 15.6786, 20.3152



7.9161, 8.1696, 8.4163



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.9267, 16.7211, 15.1676



28.6777, 27.8934, 24.1663



18.3305, 19.5287, 15.6355



4.4183, 4.5253, 4.5607



9.4492, 5.7949, 0.6205



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3271, 18.1165, 23.0585



27.4395, 30.7711, 40.4495



14.9409, 15.3441, 22.5965



4.3478, 4.6896, 5.4893



7.6723, 9.1630, 21.6142



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9262, 16.7203, 15.1672 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 16.9262, 16.7203, 15.1672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

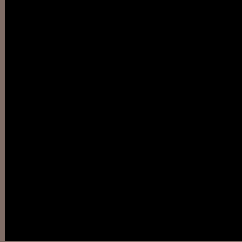
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9262, 16.7203, 15.1672

Background



This preview shows how black text looks on a background with the XYZ color 16.9262, 16.7203, 15.1672.

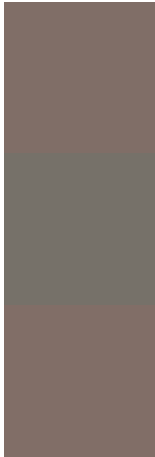


This preview shows how white text looks on a background with the XYZ color 16.9262, 16.7203,

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

16.9262, 16.7203, 15.1672

Protanopia

15.9261, 16.6817, 15.7451

Deuteranopia

17.0774, 16.7983, 15.1743



Tritanopia

17.7209, 16.7319, 18.8186

Trichromacy



Original Color

16.9262, 16.7203, 15.1672

Protanomaly

16.3189, 16.7254, 15.4649

Deuteranomaly

17.0774, 16.7983, 15.1743

Tritanomaly

17.3911, 16.7521, 17.3558

Monochromacy



Original Color

16.9262, 16.7203, 15.1672

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5201, 16.9510, 17.4401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9262, 16.7203, 15.1672 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(128, 110, 103)` looks like.

```
.text, #text, p{  
    color:rgb(128, 110, 103)  
}
```

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(128, 110, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 110, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.9262, 16.7203, 15.1672 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(128, 110, 103) }
```


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

```
.border{ border-color:rgb(128, 110, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 110, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 110, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 110, 103);  
box-shadow:4px 4px 4px 4px rgb(128, 110,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9262, 16.7203, 15.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 110, 103) }
```

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

```
.background{ background-color: rgb(128,  
110, 103) }
```

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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