

Converting Colors

XYZ(16.2460, 15.8127, 14.9965)

Have a look what the booklet for
XYZ(16.2460, 15.8127, 14.9965)
contains.

XYZ(16.2064, 15.7230, 15.0126)	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(16.2064, 15.7230,
15.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6A67
RGB	126, 106, 103
RGB Percent	49%, 42%, 40%
CMY	0.5059, 0.5843, 0.5961
CMYK	0.00, 0.16, 0.18, 0.51
HSL	8°, 10%, 45%
HSV	8°, 18%, 49%
XYZ	16.2064, 15.7230, 15.0126
YIQ	111.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

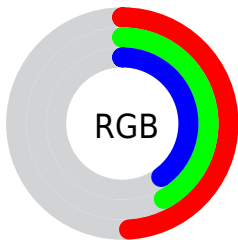
Format	Color
R _{YB}	126, 106, 103
Decimal	8284775
CIE Lab	46.61, 7.39, 4.62
CIE LCh	47, 8.720, 32.023
Yxy	15.7230, 0.3452, 0.3349
Android (android.graphics.Color)	4286474855 (0xFF7E6A67)
YUV	111.6380, -4.2585, 12.5955
Hunter-Lab	39.6522, 3.5639, 5.3090

Details

The XYZ color **16.2064, 15.7230, 15.0126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4422, 18.5553, 22.4537**, and the grayscale version is **15.3049, 16.1020, 17.5350**.

A 20% lighter version of the original color is **36.4801, 36.0307, 35.6038**, and **5.3383, 4.9912, 4.4234** is the 20% darker color. If you saturate the color by 10%, you get **14.5634, 13.3738, 11.5763**, and if you desaturate by 10%, it is **18.0899, 18.4002, 18.9996**.

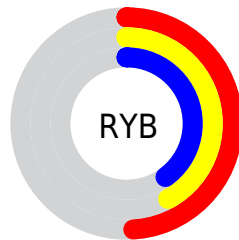
Distribution



Red (49%)

Green (42%)

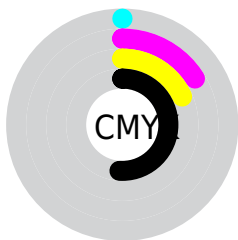
Blue (40%)



Red (49%)

Yellow (42%)

Blue (40%)

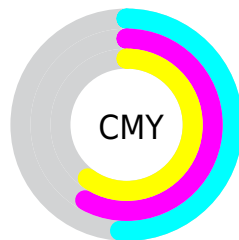


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2064, 15.7230, 15.0126 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 16.2064, 15.7230, 15.0126 by changing the saturation by 10% instead.

■ 16.2064, 15.7230,
15.0126

■ 16.2064, 15.7230,
15.0126

223.8031,
227.7016, 235.0859

■ 9.7621, 9.3284,
8.6815

■ 36.5107, 36.1166,
35.6179

■ 5.3026, 4.9560,
4.4401

■ 51.1014, 50.8844,
50.7292

■ 2.4624, 2.2215,
1.8697

■ 69.1383, 69.2121,
69.6043

■ 0.8763, 0.7317,
0.4734

■ 90.9868, 91.4839,
92.6617

■ 0.0000, 0.0000,
0.0000

117.0121,
118.0844, 120.3201

147.5797,

149.3979, 152.9979

183.0549,
185.8089, 191.1136

■ 16.2064, 15.7230,
15.0126

■ 16.2064, 15.7230,
15.0126

■ 14.5634, 13.3738,
11.5763

■ 18.0899, 18.4002,
18.9996

■ 13.1498, 11.3380,
8.6657

■ 20.2216, 21.4152,
23.5592

■ 11.9558, 9.6029,
6.2550

■ 22.6107, 24.7800,
28.7129

■ 10.9703, 8.1543,
4.3159

■ 25.2654, 28.5052,
34.4813

■ 10.1811, 6.9765,
2.8175

■ 28.1934, 32.6012,
40.8835

■ 9.5748, 6.0527,
1.7250

■ 31.4024, 37.0779,
47.9381

■ 9.1362, 5.3640,
0.9983

■ 34.8996, 41.9446,
55.6629

■ 8.8385, 4.8850,
0.5402

■ 38.6919, 47.2107,
64.0749

■ 8.7963, 4.8197,
0.4667

■ 42.7862, 52.8850,
73.1906

Harmonies

Analogous

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



16.4392, 15.7230, 16.9736



16.2064, 15.7230, 15.0126



15.6342, 15.7230, 13.7109

Triad

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



16.2064, 15.7230, 15.0126



13.7010, 15.7230, 15.2462



14.9954, 15.7230, 21.6096

Complementary

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



16.2064, 15.7230, 15.0126



16.4422, 18.5553, 22.4537

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.



14.2749, 15.7230, 21.0512



16.2064, 15.7230, 15.0126



13.5427, 15.7230, 17.2666

Square

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



16.2064, 15.7230, 15.0126



14.1892, 15.7230, 13.8376



13.7494, 15.7230, 19.4152



15.7256, 15.7230, 20.8836

Rectangle

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



16.2064, 15.7230, 15.0126



15.1462, 15.7230, 13.3309



13.7494, 15.7230, 19.4152



14.7441, 15.7230, 21.5658

Sweetspot

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



16.2068, 15.7237, 15.0129



32.9712, 33.9879, 35.8505



17.0496, 15.5743, 20.9506



7.4521, 7.6635, 8.0529



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

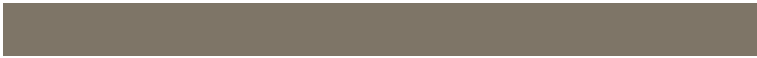
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2068, 15.7237, 15.0129



27.2444, 25.8458, 23.7328



17.4352, 18.1804, 15.4224



4.3696, 4.4278, 4.5445



9.0221, 4.9405, 0.4781



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4422, 18.5553, 22.4537



27.7398, 31.8152, 39.4233



15.1335, 15.9380, 22.0175



4.4001, 4.7941, 5.5067



9.5319, 12.8824, 22.2341



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2064, 15.7230, 15.0126 looks on a white background.

Color Contrast Check

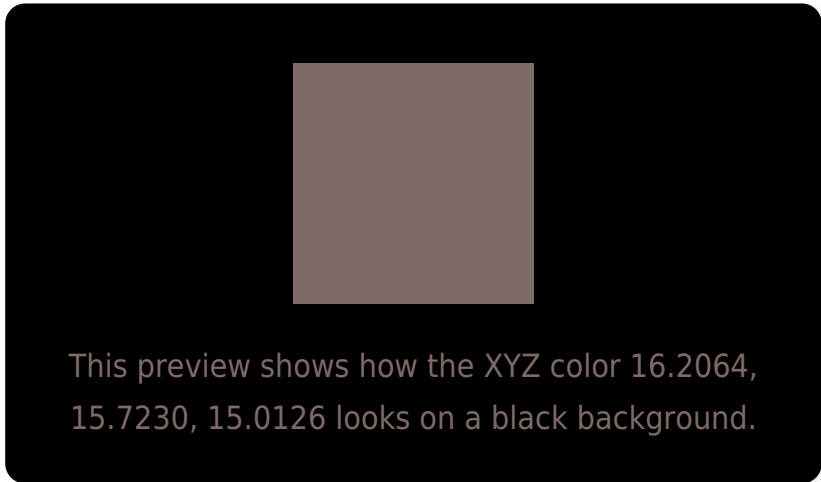
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2064, 15.7230, 15.0126

Background



This preview shows how black text looks on a background with the XYZ color 16.2064, 15.7230, 15.0126.



This preview shows how white text looks on a background with the XYZ color 16.2064, 15.7230,

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

16.2064, 15.7230, 15.0126

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

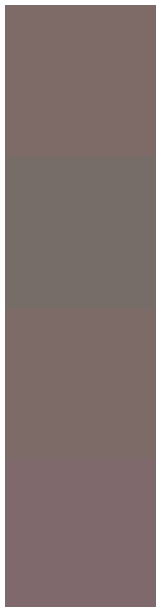
16.0181, 15.7797, 15.0335



Tritanopia

16.7846, 15.8074, 17.7893

Trichromacy



Original Color

16.2064, 15.7230, 15.0126

Protanomaly

15.4385, 15.7883, 15.3305

Deuteranomaly

16.1633, 15.8546, 15.0403

Tritanomaly

16.5643, 15.7193, 16.6291

Monochromacy



Original Color

16.2064, 15.7230, 15.0126

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6724, 16.0379, 16.7376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2064, 15.7230, 15.0126 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(126, 106, 103)` looks like.

```
.text, #text, p{  
    color:rgb(126, 106, 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(126, 106, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 106, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.2064, 15.7230, 15.0126 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(126, 106, 103) }
```


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

```
.border{ border-color:rgb(126, 106, 103) }
```

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

Here you see how a box with a 4 pixel rgb(126, 106, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 106, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 106, 103);  
box-shadow:4px 4px 4px 4px rgb(126, 106,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2064, 15.7230, 15.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 106, 103) }
```

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

```
.background{ background-color: rgb(126,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor