

Converting Colors

XYZ(15.7037, 16.1439, 9.1682)

Have a look what the booklet for
XYZ(15.7037, 16.1439, 9.1682)
contains.

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Color

**XYZ(15.7825, 16.2629,
9.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	806E4C
RGB	128, 110, 76
RGB Percent	50%, 43%, 30%
CMY	0.4980, 0.5686, 0.7020
CMYK	0.00, 0.14, 0.41, 0.50
HSL	39°, 25%, 40%
HSV	39°, 41%, 50%
XYZ	15.7825, 16.2629, 9.1447
YIQ	111.5060, 21.6420, -6.7580

Conversions

Conversions Part 2

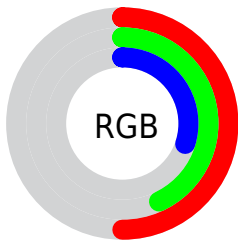
Format	Color
RYB	104, 128, 76
Decimal	8416844
CIELab	47.32, 1.90, 21.58
CIELCh	47, 21.666, 84.969
Yxy	16.2629, 0.3832, 0.3948
Android (android.graphics.Color)	4286606924 (0xFF806E4C)
YUV	111.5060, -17.5045, 14.4652
Hunter-Lab	40.3273, -0.7149, 14.7844

Details

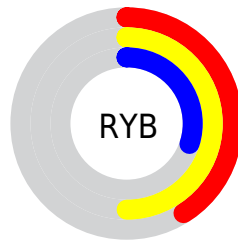
The XYZ color **15.7825, 16.2629, 9.1447** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.8793, 11.0999, 21.9910**, and the grayscale version is **15.3020, 16.0989, 17.5317**.

A 20% lighter version of the original color is **35.7379, 36.9155, 24.6438**, and **5.0854, 5.2317, 2.0381** is the 20% darker color. If you saturate the color by 10%, you get **14.9151, 15.1708, 6.8743**, and if you desaturate by 10%, it is **16.7632, 17.4398, 11.8902**.

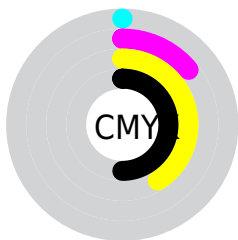
Distribution



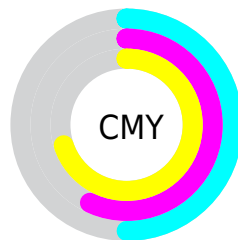
- Red (50%)
- Green (43%)
- Blue (30%)



- Red (41%)
- Yellow (50%)
- Blue (30%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7825, 16.2629, 9.1447 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 15.7825, 16.2629, 9.1447 by changing the saturation by 10% instead.

■ 15.7825, 16.2629,
9.1447

■ 15.7825, 16.2629,
9.1447

221.3506,
230.8881, 194.7113

■ 9.4602, 9.7104,
4.7376

■ 35.7807, 37.0540,
24.7560

■ 5.1021, 5.2074,
2.0381

■ 50.1874, 52.0614,
36.7972

■ 2.3427, 2.3694,
0.5786

■ 68.0195, 70.6558,
52.2203

■ 0.8164, 0.8101,
0.0000

■ 89.6426, 93.2218,
71.4437

■ 0.0000, 0.0000,
0.0000

■ 115.4219,
120.1436, 94.8859

145.7227,

151.8056, 122.9656

180.9105,
188.5923, 156.1012

■ 15.7825, 16.2629,
9.1447

■ 15.7825, 16.2629,
9.1447

■ 14.9151, 15.1708,
6.8743

■ 16.7632, 17.4398,
11.8902

■ 14.1541, 14.1583,
5.0500

■ 17.8611, 18.7018,
15.1353

■ 13.4938, 13.2232,
3.6413

■ 19.0816, 20.0520,
18.9042

■ 12.9272, 12.3622,
2.6133

■ 20.4290, 21.4929,
23.2192

■ 12.4462, 11.5713,
1.9254

■ 21.9077, 23.0267,
28.1012

■ 12.0492, 10.8835,
1.4657

■ 23.5218, 24.6554,
33.5701

■ 25.2751, 26.3812,
39.6446

■ 27.1714, 28.2060,
46.3430

■ 29.2141, 30.1316,
53.6823

Harmonies

Analogous

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



17.6683, 16.2629, 10.4015



15.7825, 16.2629, 9.1447



13.9549, 16.2629, 9.7664

Triad

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



15.7825, 16.2629, 9.1447



12.3546, 16.2629, 22.5412



18.6720, 16.2629, 24.4751

Complementary

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



15.7825, 16.2629, 9.1447



10.8793, 11.0999, 21.9910

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.



17.0640, 16.2629, 29.0878



15.7825, 16.2629, 9.1447



13.4391, 16.2629, 27.8194

Square

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



15.7825, 16.2629, 9.1447



12.0726, 16.2629, 16.7989



15.1368, 16.2629, 30.4230



19.4221, 16.2629, 18.6483

Rectangle

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



15.7825, 16.2629, 9.1447



12.9990, 16.2629, 11.2468



15.1368, 16.2629, 30.4230



18.2077, 16.2629, 26.2629

Sweetspot

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



15.7829, 16.2637, 9.1450



33.2261, 34.9013, 32.1225



13.5159, 10.5700, 11.9648



7.7254, 8.1124, 7.3529



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.



15.7829, 16.2637, 9.1450



26.3319, 26.8029, 12.2829



16.7971, 19.9674, 9.8065



4.5440, 4.7766, 4.6026



11.9490, 10.7945, 1.4538



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.8793, 11.0999, 21.9910



16.4291, 16.3837, 38.2527



10.1191, 8.6032, 21.5492



4.2211, 4.4363, 5.4471



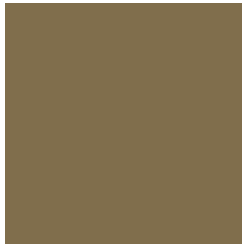
4.7688, 3.3561, 20.6464



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7825, 16.2629, 9.1447 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 15.7825, 16.2629, 9.1447 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 15.7825, 16.2629, 9.1447

Background



This preview shows how black text looks on a background with the XYZ color 15.7825, 16.2629, 9.1447.



This preview shows how white text looks on a background with the XYZ color 15.7825, 16.2629,

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

15.7825, 16.2629, 9.1447

Protanopia

15.1598, 16.2617, 9.3610

Deuteranopia

16.4288, 16.1195, 9.2667



Tritanopia

17.5479, 16.2009, 17.8250

Trichromacy



Original Color

15.7825, 16.2629, 9.1447

Protanomaly

15.3362, 16.1898, 9.3378

Deuteranomaly

16.2178, 16.1665, 9.2868

Tritanomaly

16.9180, 16.2608, 14.3036

Monochromacy



Original Color

15.7825, 16.2629, 9.1447

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4078, 16.1213, 14.1040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7825, 16.2629, 9.1447 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(128, 110, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 110, 76) }
```

Border

The CSS property to change the border of an element to XYZ 15.7825, 16.2629, 9.1447 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, 76) }
```


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

```
.border{ border-color:rgb(128, 110, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 110, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 110, 76);  
box-shadow:4px 4px 4px 4px rgb(128, 110,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7825, 16.2629, 9.1447 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, 76) }
```

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

```
.background{ background-color: rgb(128,  
110, 76) }
```

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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