

Converting Colors

XYZ(16.1547, 16.4233, 10.0731)

Have a look what the booklet for
XYZ(16.1547, 16.4233, 10.0731)
contains.

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Color

**XYZ(16.1144, 16.4131,
10.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	816E51
RGB	129, 110, 81
RGB Percent	51%, 43%, 32%
CMY	0.4941, 0.5686, 0.6823
CMYK	0.00, 0.15, 0.37, 0.49
HSL	36°, 23%, 41%
HSV	36°, 37%, 51%
XYZ	16.1144, 16.4131, 10.1033
YIQ	112.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

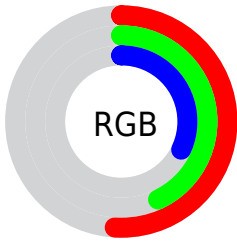
Format	Color
R_{YB}	112, 129, 81
Decimal	8482385
CIE _{Lab}	47.51, 2.98, 18.96
CIE _{LCh}	48, 19.190, 81.080
Yxy	16.4131, 0.3780, 0.3850
Android (android.graphics.Color)	4286672465 (0xFF816E51)
YUV	112.3750, -15.4679, 14.5801
Hunter-Lab	40.5131, 0.1019, 13.5732

Details

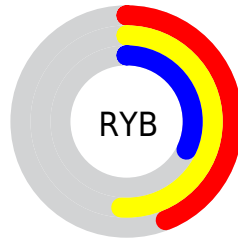
The XYZ color **16.1144, 16.4131, 10.1033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.9128, 12.4482, 22.5437**, and the grayscale version is **15.5516, 16.3614, 17.8176**.

A 20% lighter version of the original color is **36.3700, 37.1957, 26.7353**, and **5.3204, 5.3447, 2.4203** is the 20% darker color. If you saturate the color by 10%, you get **15.1409, 15.1681, 7.6148**, and if you desaturate by 10%, it is **17.2124, 17.7598, 13.0872**.

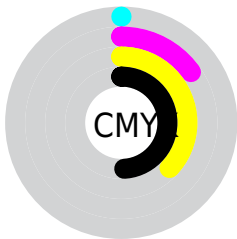
Distribution



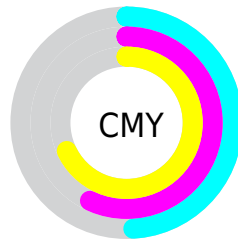
- Red (51%)
- Green (43%)
- Blue (32%)



- Red (44%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1144, 16.4131, 10.1033 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 16.1144, 16.4131, 10.1033 by changing the saturation by 10% instead.

■ 16.1144, 16.4131,
10.1033

■ 16.1144, 16.4131,
10.1033

223.2730,
231.7671, 201.9193

■ 9.6965, 9.8169,
5.3610

■ 36.3525, 37.3139,
26.6005

■ 5.2589, 5.2778,
2.3982

■ 50.9035, 52.3873,
39.1924

■ 2.4363, 2.4111,
0.7855

■ 68.8962, 71.0553,
55.2380

■ 0.8632, 0.8316,
0.0000

■ 90.6959, 93.7022,
75.1557

■ 0.0000, 0.0000,
0.0000

■ 116.6681,
120.7124, 99.3642

147.1781,

152.4704, 128.2819

182.5913,
189.3605, 162.3274

■ 16.1144, 16.4131,
10.1033

■ 16.1144, 16.4131,
10.1033

■ 15.1409, 15.1681,
7.6148

■ 17.2124, 17.7598,
13.0872

■ 14.2850, 14.0195,
5.5929

■ 18.4389, 19.2090,
16.5910

■ 13.5407, 12.9647,
4.0076

■ 19.7995, 20.7643,
20.6387

■ 12.9010, 11.9999,
2.8248

■ 21.2987, 22.4282,
25.2526

■ 12.3580, 11.1210,
2.0053

■ 22.9410, 24.2033,
30.4537

■ 11.8958, 10.3207,
1.4685

■ 24.7307, 26.0921,
36.2619

■ 11.7738, 10.1083,
1.3305

■ 26.6717, 28.0970,
42.6962

■ 28.7680, 30.2201,
49.7748

■ 31.0233, 32.4638,
57.5151

Harmonies

Analogous

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



17.7533, 16.4131, 11.5124



16.1144, 16.4131, 10.1033



14.4497, 16.4131, 10.4596

Triad

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



16.1144, 16.4131, 10.1033



12.7349, 16.4131, 21.4679



18.2944, 16.4131, 24.4475

Complementary

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



16.1144, 16.4131, 10.1033



11.9128, 12.4482, 22.5437

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.



16.8101, 16.4131, 28.1497



16.1144, 16.4131, 10.1033



13.6285, 16.4131, 26.2231

Square

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



16.1144, 16.4131, 10.1033



12.5784, 16.4131, 16.4534



15.0970, 16.4131, 28.8528



19.0708, 16.4131, 19.3679

Rectangle

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



16.1144, 16.4131, 10.1033



13.5422, 16.4131, 11.6831



15.0970, 16.4131, 28.8528



17.8568, 16.4131, 25.9303

Sweetspot

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



16.1148, 16.4139, 10.1036



34.4405, 36.0333, 33.9042



14.3057, 11.4761, 13.5687



7.7347, 8.0867, 7.4932



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.



16.1148, 16.4139, 10.1036



27.3044, 27.4113, 14.1070



17.6766, 20.5946, 10.8283



4.5269, 4.7426, 4.5969



11.4837, 9.8638, 1.2987



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9128, 12.4482, 22.5437



18.5920, 19.1945, 39.9175



10.7244, 9.4390, 22.0255



4.2376, 4.4693, 5.4526



5.0238, 3.8661, 20.7314



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1144, 16.4131, 10.1033 looks on a white background.

Color Contrast Check

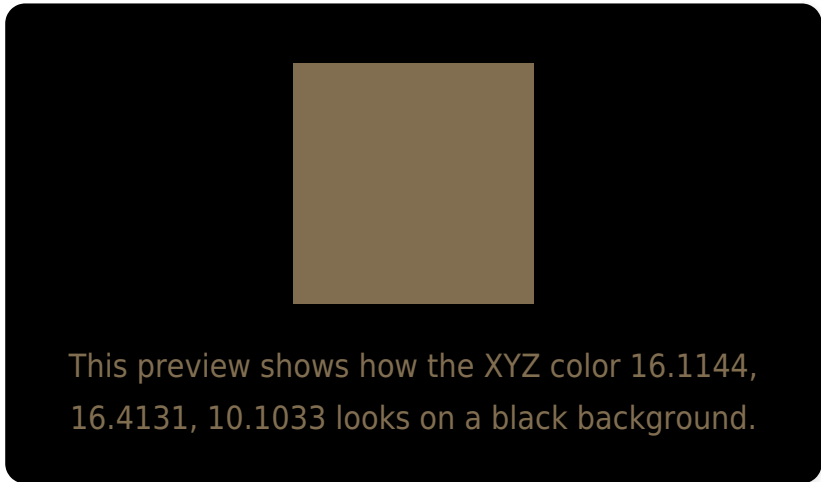
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1144, 16.4131, 10.1033

Background



This preview shows how black text looks on a background with the XYZ color 16.1144, 16.4131, 10.1033.



This preview shows how white text looks on a background with the XYZ color 16.1144, 16.4131,

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

16.1144, 16.4131, 10.1033

Protanopia

15.3133, 16.4844, 10.3574

Deuteranopia

16.6793, 16.3875, 10.0686



Tritanopia

17.7070, 16.4285, 18.1573

Trichromacy



Original Color

16.1144, 16.4131, 10.1033

Protanomaly

15.6293, 16.4826, 10.3404

Deuteranomaly

16.4696, 16.4369, 10.0892

Tritanomaly

17.0160, 16.3000, 14.8197

Monochromacy



Original Color

16.1144, 16.4131, 10.1033

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5046, 16.1600, 14.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1144, 16.4131, 10.1033 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(129, 110, 81)` looks like.

```
.text, #text, p{  
    color:rgb(129, 110, 81)  
}
```

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(129, 110, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 110, 81) }
```

Border

The CSS property to change the border of an element to XYZ 16.1144, 16.4131, 10.1033 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(129, 110, 81) }
```


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

```
.border{ border-color:rgb(129, 110, 81) }
```

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

Here you see how a box with a 4 pixel rgb(129, 110, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 110, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 110, 81);  
box-shadow:4px 4px 4px 4px rgb(129, 110,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1144, 16.4131, 10.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 110, 81) }
```

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

```
.background{ background-color: rgb(129,  
110, 81) }
```

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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