

Converting Colors

XYZ(15.6337, 16.8248, 10.0129)

Have a look what the booklet for
XYZ(15.6337, 16.8248, 10.0129)
contains.

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Color

**XYZ(15.6337, 16.8248,
10.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7250
RGB	123, 114, 80
RGB Percent	48%, 45%, 31%
CMY	0.5176, 0.5529, 0.6863
CMYK	0.00, 0.07, 0.35, 0.52
HSL	47°, 21%, 40%
HSV	47°, 35%, 48%
XYZ	15.6337, 16.8248, 10.0129
YIQ	112.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

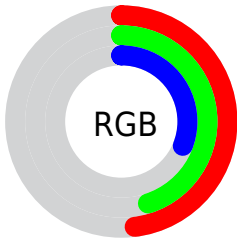
Format	Color
R_{YB}	91, 123, 80
Decimal	8090192
CIE _{Lab}	48.04, -2.07, 20.14
CIE _{LCh}	48, 20.244, 95.880
Yxy	16.8248, 0.3681, 0.3961
Android (android.graphics.Color)	4286280272 (0xFF7B7250)
YUV	112.8150, -16.1778, 8.9322
Hunter-Lab	41.0180, -3.7477, 14.2394

Details

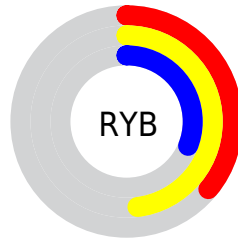
The XYZ color **15.6337, 16.8248, 10.0129** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.4557, 10.2800, 20.1722**, and the grayscale version is **15.6846, 16.5014, 17.9701**.

A 20% lighter version of the original color is **35.5700, 38.1142, 26.6011**, and **4.9992, 5.4342, 2.3755** is the 20% darker color. If you saturate the color by 10%, you get **14.9342, 16.0876, 7.7392**, and if you desaturate by 10%, it is **16.4255, 17.6132, 12.7283**.

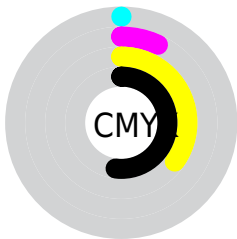
Distribution



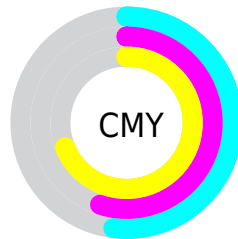
- Red (48%)
- Green (45%)
- Blue (31%)



- Red (36%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6337, 16.8248, 10.0129 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 15.6337, 16.8248, 10.0129 by changing the saturation by 10% instead.

■ 15.6337, 16.8248,
10.0129

■ 15.6337, 16.8248,
10.0129

220.4836,
234.1607, 201.2523

■ 9.3545, 10.1097,
5.3018

■ 35.5237, 38.0243,
26.4280

■ 5.0321, 5.4717,
2.3636

■ 49.8653, 53.2774,
38.9690

■ 2.3011, 2.5266,
0.7665

■ 67.6250, 72.1454,
54.9571

■ 0.7952, 0.8899,
0.0000

■ 89.1682, 95.0125,
74.8108

■ 0.0000, 0.0000,
0.0000

■ 114.8604,
122.2632, 98.9486

145.0667,

154.2819, 127.7891

180.1527,
191.4529, 161.7508

■ 15.6337, 16.8248,
10.0129

■ 15.6337, 16.8248,
10.0129

■ 14.9342, 16.0876,
7.7392

■ 16.4255, 17.6132,
12.7283

■ 14.3210, 15.3973,
5.8822

■ 17.3125, 18.4522,
15.9065

■ 13.7895, 14.7525,
4.4159

■ 18.2992, 19.3444,
19.5685

■ 13.3342, 14.1510,
3.3112

■ 19.3893, 20.2914,
23.7337

■ 12.9486, 13.5900,
2.5346

■ 20.5863, 21.2946,
28.4205

■ 12.6228, 13.0654,
2.0346

■ 21.8936, 22.3554,
33.6462

■ 12.4676, 12.8093,
1.8153

■ 23.3144, 23.4754,
39.4275

■ 24.8518, 24.6558,
45.7802

■ 26.5088, 25.8979,
52.7196

Harmonies

Analogous

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



17.4728, 16.8248, 10.5758



15.6337, 16.8248, 10.0129



14.0167, 16.8248, 11.3078

Triad

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



15.6337, 16.8248, 10.0129



13.3068, 16.8248, 24.8825



19.4224, 16.8248, 22.7532

Complementary

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



15.6337, 16.8248, 10.0129



10.4557, 10.2800, 20.1722

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.



18.1435, 16.8248, 27.7566



15.6337, 16.8248, 10.0129



14.5964, 16.8248, 29.1409

Square

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



15.6337, 16.8248, 10.0129



12.7407, 16.8248, 19.3712



16.3547, 16.8248, 30.2820



19.7529, 16.8248, 17.3063

Rectangle

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



15.6337, 16.8248, 10.0129



13.2520, 16.8248, 13.2286



16.3547, 16.8248, 30.2820



19.0847, 16.8248, 24.5726

Sweetspot

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



15.6341, 16.8256, 10.0132



31.8122, 33.7840, 31.4649



12.8537, 10.6751, 10.9043



7.4443, 7.9131, 7.2331



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.



15.6341, 16.8256, 10.0132



26.9723, 29.0565, 14.5839



15.0636, 18.1129, 10.2918



4.2400, 4.4983, 4.2693



12.8936, 13.2432, 1.8766



60.8764, 61.9163, 8.7425

Inverse Universe

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



10.4557, 10.2800, 20.1722



16.2228, 15.4742, 35.6884



10.8760, 9.4523, 19.9903



3.8593, 4.0170, 5.0151



4.0711, 2.2246, 19.6001



18.9071, 9.5868, 93.3237

Previews

White Background



This preview shows how the XYZ color 15.6337, 16.8248, 10.0129 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 15.6337, 16.8248, 10.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

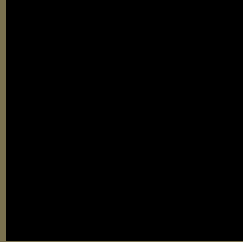
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6337, 16.8248, 10.0129

Background



This preview shows how black text looks on a background with the XYZ color 15.6337, 16.8248, 10.0129.



This preview shows how white text looks on a background with the XYZ color 15.6337, 16.8248,

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

15.6337, 16.8248, 10.0129

Protanopia

15.6337, 16.8248, 10.0129

Deuteranopia

17.1072, 16.7656, 10.1190



Tritanopia

17.4911, 16.7573, 19.4521

Trichromacy



Original Color

15.6337, 16.8248, 10.0129

Protanomaly

15.6337, 16.8248, 10.0129

Deuteranomaly

16.5297, 16.7883, 10.1538

Tritanomaly

16.7873, 16.8040, 15.4554

Monochromacy



Original Color

15.6337, 16.8248, 10.0129

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5902, 16.5317, 14.6812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6337, 16.8248, 10.0129 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(123, 114, 80)` looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 80)  
}
```

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(123, 114, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 80) }
```

Border

The CSS property to change the border of an element to XYZ 15.6337, 16.8248, 10.0129 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(123, 114, 80) }
```


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

```
.border{ border-color:rgb(123, 114, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 114, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 80);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6337, 16.8248, 10.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 80) }
```

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

```
.background{ background-color: rgb(123,  
114, 80) }
```

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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