

Converting Colors

XYZ(15.9585, 16.4908, 13.1324)

Have a look what the booklet for
XYZ(15.9585, 16.4908, 13.1324)
contains.

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Color

**XYZ(15.9184, 16.4061,
13.1542)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6F5F
RGB	123, 111, 95
RGB Percent	48%, 44%, 37%
CMY	0.5176, 0.5647, 0.6274
CMYK	0.00, 0.10, 0.23, 0.52
HSL	34°, 13%, 43%
HSV	34°, 23%, 48%
XYZ	15.9184, 16.4061, 13.1542
YIQ	112.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

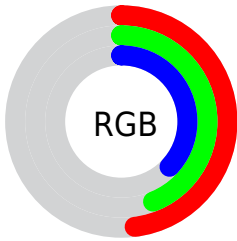
Format	Color
R_{YB}	116, 123, 95
Decimal	8089439
CIE Lab	47.50, 1.89, 10.62
CIE LCh	48, 10.784, 79.917
Yxy	16.4061, 0.3500, 0.3607
Android (android.graphics.Color)	4286279519 (0xFF7B6F5F)
YUV	112.7640, -8.7577, 8.9770
Hunter-Lab	40.5044, -0.7316, 9.0981

Details

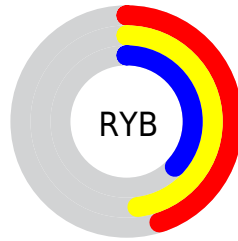
The XYZ color **15.9184, 16.4061, 13.1542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5521, 14.3780, 20.7999**, and the grayscale version is **15.6491, 16.4640, 17.9293**.

A 20% lighter version of the original color is **36.1125, 37.4688, 32.1169**, and **5.1559, 5.2326, 3.6440** is the 20% darker color. If you saturate the color by 10%, you get **14.8448, 15.0841, 10.2523**, and if you desaturate by 10%, it is **17.1151, 17.8328, 16.5331**.

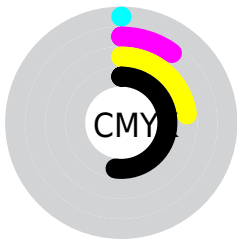
Distribution



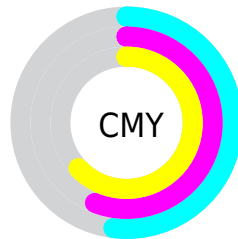
- Red (48%)
- Green (44%)
- Blue (37%)



- Red (45%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9184, 16.4061, 13.1542 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 15.9184, 16.4061, 13.1542 by changing the saturation by 10% instead.

■ 15.9184, 16.4061,
13.1542

■ 15.9184, 16.4061,
13.1542

222.1396,
231.7262, 223.1460

■ 9.5569, 9.8120,
7.4028

■ 36.0151, 37.3018,
32.2758

■ 5.1662, 5.2745,
3.6330

■ 50.4810, 52.3721,
46.4831

■ 2.3809, 2.4092,
1.4263

■ 68.3791, 71.0367,
64.3461

■ 0.8356, 0.8306,
0.1621

■ 90.0747, 93.6798,
86.2834

■ 0.0000, 0.0000,
0.0000

115.9332,
120.6860, 112.7135

146.3199,

152.4395, 144.0549

181.6003,
189.3248, 180.7262

■ 15.9184, 16.4061,
13.1542

■ 15.9184, 16.4061,
13.1542

■ 14.8448, 15.0841,
10.2523

■ 17.1151, 17.8328,
16.5331

■ 13.8883, 13.8617,
7.8045

■ 18.4381, 19.3647,
20.4086

■ 13.0443, 12.7367,
5.7874

■ 19.8919, 21.0050,
24.8003

■ 12.3073, 11.7059,
4.1751

■ 21.4805, 22.7561,
29.7265

■ 11.6712, 10.7660,
2.9388

■ 23.2078, 24.6206,
35.2045

■ 11.1293, 9.9131,
2.0461

■ 25.0774, 26.6005,
41.2510

■ 10.6734, 9.1430,
1.4578

■ 27.0927, 28.6982,
47.8819

■ 10.3773, 8.6287,
1.1186

■ 29.2572, 30.9157,
55.1124

■ 31.5740, 33.2552,
62.9572

Harmonies

Analogous

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



16.8106, 16.4061, 14.1215



15.9184, 16.4061, 13.1542



14.9740, 16.4061, 13.3461

Triad

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



15.9184, 16.4061, 13.1542



13.9241, 16.4061, 19.7227



17.0466, 16.4061, 21.4823

Complementary

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



15.9184, 16.4061, 13.1542



13.5521, 14.3780, 20.7999

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.



16.2298, 16.4061, 23.2999



15.9184, 16.4061, 13.1542



14.4366, 16.4061, 22.2141

Square

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



15.9184, 16.4061, 13.1542



13.8484, 16.4061, 16.9552



15.2731, 16.4061, 23.5807



17.4794, 16.4061, 18.8036

Rectangle

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



15.9184, 16.4061, 13.1542



14.4405, 16.4061, 14.1132



15.2731, 16.4061, 23.5807



16.8063, 16.4061, 22.2254

Sweetspot

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



15.9188, 16.4068, 13.1545



31.9449, 33.4441, 33.3751



14.9216, 13.4599, 15.7585



7.4992, 7.8485, 7.7892



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.



15.9188, 16.4068, 13.1545



27.5372, 28.1969, 20.9055



17.0525, 19.0668, 13.6082



4.1707, 4.3598, 4.2462



10.7297, 8.9153, 1.1553



50.3242, 40.8118, 5.2251

Inverse Universe

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



13.5521, 14.3780, 20.7999



22.5597, 23.9306, 36.9867



12.5831, 12.1488, 20.4207



3.9257, 4.1497, 5.0372



4.9962, 4.0749, 19.9085



23.0224, 17.8173, 94.6955

Previews

White Background



This preview shows how the XYZ color 15.9184, 16.4061, 13.1542 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 15.9184, 16.4061, 13.1542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

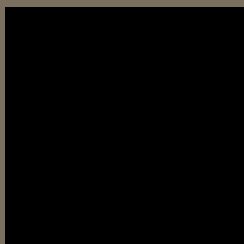
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9184, 16.4061, 13.1542

Background



This preview shows how black text looks on a background with the XYZ color 15.9184, 16.4061, 13.1542.

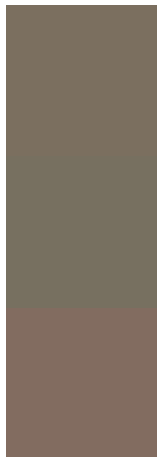


This preview shows how white text looks on a background with the XYZ color 15.9184, 16.4061,

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

15.9184, 16.4061, 13.1542

Protanopia

15.5132, 16.3548, 13.4055

Deuteranopia

16.6798, 16.3155, 13.3364



Tritanopia

17.1191, 16.4217, 18.7904

Trichromacy



Original Color

15.9184, 16.4061, 13.1542

Protanomaly

15.6512, 16.4259, 13.4119

Deuteranomaly

16.3324, 16.2938, 13.3505

Tritanomaly

16.6329, 16.3800, 16.4724

Monochromacy



Original Color

15.9184, 16.4061, 13.1542

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7318, 16.4109, 15.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9184, 16.4061, 13.1542 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, 111, 95)` looks like.

```
.text, #text, p{  
    color:rgb(123, 111, 95)  
}
```

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, 111, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 111, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.9184, 16.4061, 13.1542 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, 111, 95) }
```


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

```
.border{ border-color:rgb(123, 111, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 111, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 111, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 111, 95);  
box-shadow:4px 4px 4px 4px rgb(123, 111,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9184, 16.4061, 13.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 111, 95) }
```

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

```
.background{ background-color: rgb(123,  
111, 95) }
```

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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