

Converting Colors

XYZ(16.7674, 15.4015, 10.5181)

Have a look what the booklet for
XYZ(16.7674, 15.4015, 10.5181)
contains.

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Color

**XYZ(16.7351, 15.3507,
10.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6554
RGB	138, 101, 84
RGB Percent	54%, 40%, 33%
CMY	0.4588, 0.6039, 0.6706
CMYK	0.00, 0.27, 0.39, 0.46
HSL	19°, 24%, 44%
HSV	19°, 39%, 54%
XYZ	16.7351, 15.3507, 10.4685
YIQ	110.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

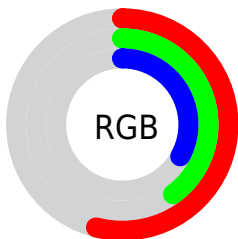
Format	Color
RYB	138, 109, 84
Decimal	9069908
CIELab	46.11, 12.52, 15.46
CIELCh	46, 19.899, 51.000
Yxy	15.3507, 0.3933, 0.3607
Android (android.graphics.Color)	4287259988 (0xFF8A6554)
YUV	110.1250, -12.8796, 24.4464
Hunter-Lab	39.1800, 7.6785, 11.5843

Details

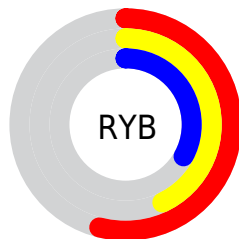
The XYZ color **16.7351, 15.3507, 10.4685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0807, 17.3939, 26.6071**, and the grayscale version is **14.8875, 15.6628, 17.0568**.

A 20% lighter version of the original color is **37.5236, 35.5152, 27.4317**, and **5.5231, 4.7633, 2.5478** is the 20% darker color. If you saturate the color by 10%, you get **15.3812, 13.4244, 7.6082**, and if you desaturate by 10%, it is **18.3019, 17.5324, 13.9256**.

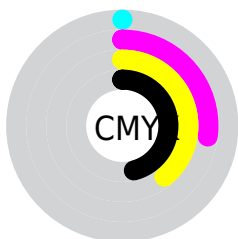
Distribution



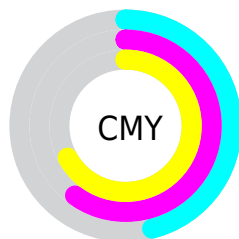
- Red (54%)
- Green (40%)
- Blue (33%)



- Red (54%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7351, 15.3507, 10.4685 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 16.7351, 15.3507, 10.4685 by changing the saturation by 10% instead.

■ 16.7351, 15.3507,
10.4685

■ 16.7351, 15.3507,
10.4685

226.8273,
225.4792, 204.5887

■ 10.1399, 9.0659,
5.6010

■ 37.4170, 35.4672,
27.2945

■ 5.5548, 4.7842,
2.5392

■ 52.2344, 50.0678,
40.0902

■ 2.6144, 2.1212,
0.8608

■ 70.5233, 68.2090,
56.3656

■ 0.9533, 0.6765,
0.0000

■ 92.6491, 90.2753,
76.5394

■ 0.0000, 0.0000,
0.0000

■ 118.9770,
116.6511, 101.0300

149.8724,

147.7207, 130.2561

185.7007,
183.8686, 164.6362

■ 16.7351, 15.3507,
10.4685

■ 16.7351, 15.3507,
10.4685

■ 15.3812, 13.4244,
7.6082

■ 18.3019, 17.5324,
13.9256

■ 14.2292, 11.7415,
5.3094

■ 20.0897, 19.9763,
18.0100

■ 13.2689, 10.2926,
3.5347

■ 22.1073, 22.6918,
22.7514

■ 12.4882, 9.0665,
2.2414

■ 24.3631, 25.6872,
28.1772

■ 11.8740, 8.0510,
1.3802

■ 26.8645, 28.9702,
34.3133

■ 11.3987, 7.2278,
0.8288

■ 29.6191, 32.5484,
41.1842

■ 11.3616, 7.1641,
0.7840

■ 32.6338, 36.4291,
48.8132

■ 35.9154, 40.6193,
57.2227

■ 39.4703, 45.1257,
66.4340

Harmonies

Analogous

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



17.8434, 15.3507, 13.5926



16.7351, 15.3507, 10.4685



15.1053, 15.3507, 9.0971

Triad

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



16.7351, 15.3507, 10.4685



11.6071, 15.3507, 15.2987



15.7876, 15.3507, 27.0094

Complementary

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



16.7351, 15.3507, 10.4685



15.0807, 17.3939, 26.6071

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.



14.0873, 15.3507, 27.7096



16.7351, 15.3507, 10.4685



11.7589, 15.3507, 20.2808

Square

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



16.7351, 15.3507, 10.4685



12.2052, 15.3507, 11.5095



12.6372, 15.3507, 25.0515



17.2676, 15.3507, 23.2905

Rectangle

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



16.7351, 15.3507, 10.4685



13.9783, 15.3507, 9.1348



12.6372, 15.3507, 25.0515



15.2200, 15.3507, 27.6305

Sweetspot

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



16.7355, 15.3514, 10.4688



37.8118, 38.4494, 37.3627



17.1521, 13.1443, 19.9806



8.3942, 8.5074, 8.1756



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.7355, 15.3514, 10.4688



27.3626, 24.0232, 13.9273



19.6967, 21.2738, 11.4559



5.1531, 5.2889, 5.3017



10.4290, 6.5924, 0.7228



0.0813, 0.0678, 0.0088

Inverse Universe

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



15.0807, 17.3939, 26.6071



24.0064, 28.1300, 46.5475



12.3180, 11.8684, 25.6862



5.0422, 5.4274, 6.3877



7.9342, 9.1387, 23.3914



0.0659, 0.0870, 0.1598

Previews

White Background



This preview shows how the XYZ color 16.7351, 15.3507, 10.4685 looks on a white background.

Color Contrast Check

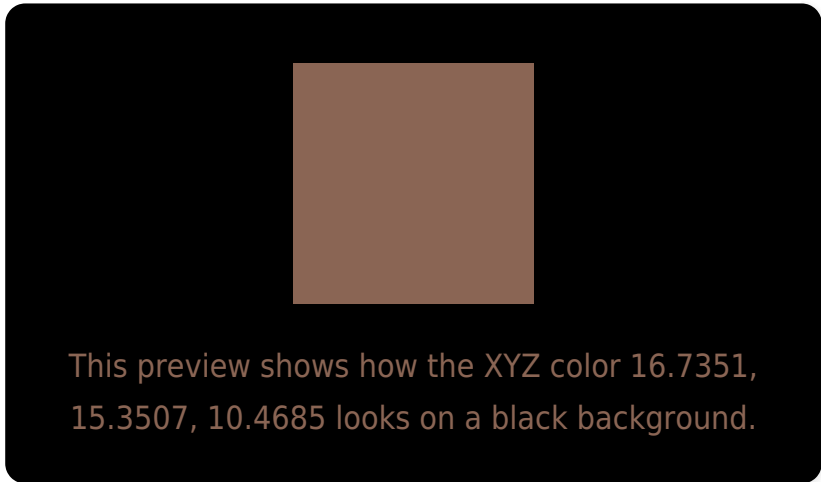
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7351, 15.3507, 10.4685

Background



This preview shows how black text looks on a background with the XYZ color 16.7351, 15.3507, 10.4685.



This preview shows how white text looks on a background with the XYZ color 16.7351, 15.3507,

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

16.7351, 15.3507, 10.4685

Protanopia

14.4325, 15.3549, 11.4356

Deuteranopia

15.6662, 15.3948, 10.3294



Tritanopia

17.7327, 15.3307, 15.3891

Trichromacy



Original Color

16.7351, 15.3507, 10.4685

Protanomaly

15.1865, 15.2813, 11.1660

Deuteranomaly

16.0274, 15.4307, 10.3173

Tritanomaly

17.2670, 15.2757, 13.3477

Monochromacy



Original Color

16.7351, 15.3507, 10.4685

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3524, 15.4480, 14.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7351, 15.3507, 10.4685 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(138, 101, 84)` looks like.

```
.text, #text, p{  
    color:rgb(138, 101, 84)  
}
```

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(138, 101, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 101, 84) }
```

Border

The CSS property to change the border of an element to XYZ 16.7351, 15.3507, 10.4685 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(138, 101, 84) }
```


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

```
.border{ border-color:rgb(138, 101, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 101, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 101, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 101, 84);  
box-shadow:4px 4px 4px 4px rgb(138, 101,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7351, 15.3507, 10.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 101, 84) }
```

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

```
.background{ background-color: rgb(138,  
101, 84) }
```

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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