

Converting Colors

XYZ(17.3982, 16.3654, 13.2984)

Have a look what the booklet for
XYZ(17.3982, 16.3654, 13.2984)
contains.

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Color

**XYZ(17.4187, 16.3868,
13.3112)**

Conversions

Conversions Part 1

Format	Color
Hex	886A60
RGB	136, 106, 96
RGB Percent	53%, 42%, 38%
CMY	0.4667, 0.5843, 0.6235
CMYK	0.00, 0.22, 0.29, 0.47
HSL	15°, 17%, 45%
HSV	15°, 29%, 53%
XYZ	17.4187, 16.3868, 13.3112
YIQ	113.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

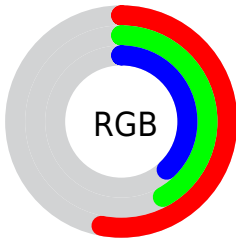
Format	Color
R_{YB}	136, 109, 96
Decimal	8940128
CIE _{Lab}	47.48, 10.40, 10.18
CIE _{LCh}	47, 14.552, 44.408
Yxy	16.3868, 0.3697, 0.3478
Android (android.graphics.Color)	4287130208 (0xFF886A60)
YUV	113.8300, -8.7902, 19.4431
Hunter-Lab	40.4806, 5.9670, 8.8402

Details

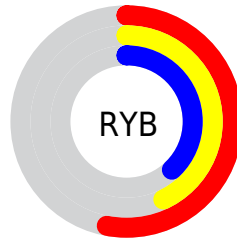
The XYZ color **17.4187, 16.3868, 13.3112** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7285, 19.1856, 26.1142**, and the grayscale version is **15.9647, 16.7961, 18.2909**.

A 20% lighter version of the original color is **38.5586, 37.1677, 32.7456**, and **5.8860, 5.2895, 3.7284** is the 20% darker color. If you saturate the color by 10%, you get **15.8567, 14.1796, 9.9640**, and if you desaturate by 10%, it is **19.2149, 18.8889, 17.2713**.

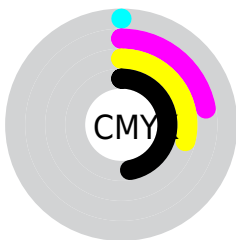
Distribution



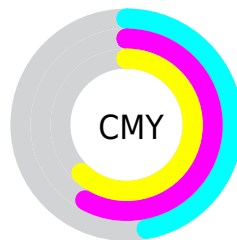
- Red (53%)
- Green (42%)
- Blue (38%)



- Red (53%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4187, 16.3868, 13.3112 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 17.4187, 16.3868, 13.3112 by changing the saturation by 10% instead.

■ 17.4187, 16.3868,
13.3112

■ 17.4187, 16.3868,
13.3112

230.6833,
231.6134, 224.1800

■ 10.6306, 9.7983,
7.5099

■ 38.5822, 37.2684,
32.5611

■ 5.8845, 5.2654,
3.6998

■ 53.6883, 52.3303,
46.8468

■ 2.8150, 2.4038,
1.4621

■ 72.2978, 70.9854,
64.7978

■ 1.0567, 0.8279,
0.1895

■ 94.7760, 93.6182,
86.8325

■ 0.0000, 0.0000,
0.0000

121.4883,
120.6130, 113.3696

152.8000,

152.3542, 144.8275

189.0766,
189.2262, 181.6248

■ 17.4187, 16.3868,
13.3112

■ 17.4187, 16.3868,
13.3112

■ 15.8567, 14.1796,
9.9640

■ 19.2149, 18.8889,
17.2713

■ 14.5177, 12.2541,
7.1980

■ 21.2535, 21.6940,
21.8720

■ 13.3915, 10.5994,
4.9798

■ 23.5435, 24.8127,
27.1405

■ 12.4664, 9.2030,
3.2725

■ 26.0934, 28.2544,
33.1021

■ 11.7296, 8.0512,
2.0345

■ 28.9111, 32.0282,
39.7807

■ 11.1665, 7.1293,
1.2174

■ 32.0043, 36.1427,
47.1992

■ 10.7474, 6.4152,
0.6948

■ 35.3802, 40.6061,
55.3793

■ 10.7257, 6.3788,
0.6659

■ 39.0459, 45.4266,
64.3420

■ 43.0082, 50.6120,
74.1075

Harmonies

Analogous

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



18.1081, 16.3868, 16.1294



17.4187, 16.3868, 13.3112



16.2527, 16.3868, 11.8278

Triad

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



17.4187, 16.3868, 13.3112



13.3021, 16.3868, 15.9971



16.2017, 16.3868, 25.6613

Complementary

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



17.4187, 16.3868, 13.3112



16.7285, 19.1856, 26.1142

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.



14.9167, 16.3868, 25.6129



17.4187, 16.3868, 13.3112



13.2901, 16.3868, 19.6726

Square

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



17.4187, 16.3868, 13.3112



13.9001, 16.3868, 13.2259



13.8665, 16.3868, 23.3004



17.3796, 16.3868, 23.4248

Rectangle

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



17.4187, 16.3868, 13.3112



15.3849, 16.3868, 11.6456



13.8665, 16.3868, 23.3004



15.7670, 16.3868, 25.9206

Sweetspot

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



17.4191, 16.3876, 13.3115



37.5372, 38.3439, 38.7329



18.1023, 15.1065, 21.7006



8.5798, 8.7247, 8.7118



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.



17.4191, 16.3876, 13.3115



28.9031, 26.3510, 19.5924



19.7257, 21.0006, 14.0804



5.1279, 5.2387, 5.2933



10.1581, 6.0506, 0.6325



0.0777, 0.0606, 0.0076

Inverse Universe

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



16.7285, 19.1856, 26.1142



27.4853, 32.0676, 45.7894



14.4220, 14.5726, 25.3454



5.0687, 5.4804, 6.3965



8.7098, 10.6899, 23.6500



0.0695, 0.0942, 0.1610

Previews

White Background



This preview shows how the XYZ color 17.4187, 16.3868, 13.3112 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 17.4187, 16.3868, 13.3112 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 17.4187, 16.3868, 13.3112

Background



This preview shows how black text looks on a background with the XYZ color 17.4187, 16.3868, 13.3112.

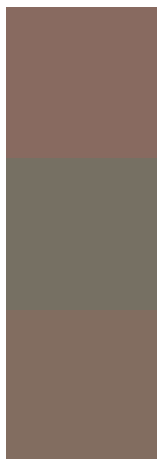


This preview shows how white text looks on a background with the XYZ color 17.4187, 16.3868,

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

17.4187, 16.3868, 13.3112

Protanopia

15.5175, 16.3407, 14.1406

Deuteranopia

16.7859, 16.5276, 13.3718



Tritanopia

18.3562, 16.4738, 17.5415

Trichromacy



Original Color

17.4187, 16.3868, 13.3112

Protanomaly

16.2380, 16.3937, 13.8637

Deuteranomaly

16.9896, 16.4752, 13.3509

Tritanomaly

17.9696, 16.4621, 15.8661

Monochromacy



Original Color

17.4187, 16.3868, 13.3112

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3643, 16.5680, 16.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4187, 16.3868, 13.3112 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(136, 106, 96)` looks like.

```
.text, #text, p{  
    color:rgb(136, 106, 96)  
}
```

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(136, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 106, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.4187, 16.3868, 13.3112 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(136, 106, 96) }
```


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

```
.border{ border-color:rgb(136, 106, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 106, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(136, 106,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4187, 16.3868, 13.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 106, 96) }
```

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

```
.background{ background-color: rgb(136,  
106, 96) }
```

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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