

Converting Colors

XYZ(18.5911, 17.7499, 16.2797)

Have a look what the booklet for
XYZ(18.5911, 17.7499, 16.2797)
contains.

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Color

**XYZ(18.6548, 17.7488,
16.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	896F6B
RGB	137, 111, 107
RGB Percent	54%, 44%, 42%
CMY	0.4627, 0.5647, 0.5804
CMYK	0.00, 0.19, 0.22, 0.46
HSL	8°, 12%, 48%
HSV	8°, 22%, 54%
XYZ	18.6548, 17.7488, 16.3526
YIQ	118.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

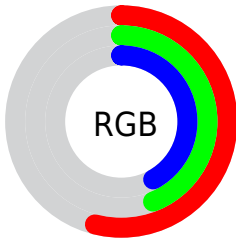
Format	Color
R_{YB}	137, 112, 107
Decimal	9006955
CIE _{Lab}	49.19, 9.58, 6.09
CIE _{LCh}	49, 11.351, 32.429
Yxy	17.7488, 0.3536, 0.3364
Android (android.graphics.Color)	4287197035 (0xFF896F6B)
YUV	118.3180, -5.5798, 16.3841
Hunter-Lab	42.1293, 5.3132, 6.4770

Details

The XYZ color **18.6548, 17.7488, 16.3526** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9661, 21.7064, 26.8571**, and the grayscale version is **17.3333, 18.2360, 19.8590**.

A 20% lighter version of the original color is **40.7546, 39.7394, 37.8702**, and **6.5236, 5.9075, 5.0714** is the 20% darker color. If you saturate the color by 10%, you get **16.7800, 15.0627, 12.4489**, and if you desaturate by 10%, it is **20.8170, 20.8266, 20.9159**.

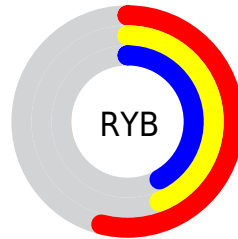
Distribution



Red (54%)

Green (44%)

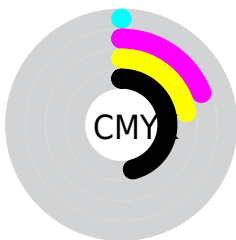
Blue (42%)



Red (54%)

Yellow (44%)

Blue (42%)

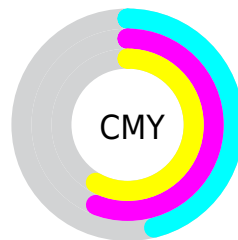


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6548, 17.7488, 16.3526 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 18.6548, 17.7488, 16.3526 by changing the saturation by 10% instead.

■ 18.6548, 17.7488,
16.3526

■ 18.6548, 17.7488,
16.3526

237.5112,
239.4513, 243.3298

■ 11.5236, 10.7698,
9.6170

■ 40.6714, 39.6088,
37.9845

■ 6.4901, 5.9123,
5.0435

■ 56.2875, 55.2586,
53.7179

■ 3.1888, 2.7918,
2.2136

■ 75.4626, 74.5675,
73.2876

■ 1.2544, 1.0240,
0.6822

■ 98.5622, 97.9198,
97.1121

■ 0.1487, 0.0000,
0.0000

125.9514,
125.6999, 125.6101

■ 0.0000, 0.0000,
0.0000

157.9958,

158.2923, 159.2000

195.0606,
196.0813, 198.3004

■ 18.6548, 17.7488,
16.3526

■ 18.6548, 17.7488,
16.3526

■ 16.7800, 15.0627,
12.4489

■ 20.8170, 20.8266,
20.9159

■ 15.1791, 12.7502,
9.1733

■ 23.2765, 24.3085,
26.1664

■ 13.8394, 10.7954,
6.4933

■ 26.0446, 28.2091,
32.1311

■ 12.7471, 9.1805,
4.3728

■ 29.1314, 32.5418,
38.8356

■ 11.8867, 7.8858,
2.7720

■ 32.5468, 37.3194,
46.3039

■ 11.2410, 6.8899,
1.6459

■ 36.3001, 42.5539,
54.5591

■ 10.7904, 6.1685,
0.9416

■ 40.4001, 48.2572,
63.6234

■ 10.5374, 5.7601,
0.5564

■ 44.8557, 54.4405,
73.5179

■ 49.6749, 61.1148,
84.2630

Harmonies

Analogous

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



18.9958, 17.7488, 19.0783



18.6548, 17.7488, 16.3526



17.8337, 17.7488, 14.5861

Triad

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



18.6548, 17.7488, 16.3526



15.1216, 17.7488, 16.7402



16.9565, 17.7488, 25.7853

Complementary

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



18.6548, 17.7488, 16.3526



18.9661, 21.7064, 26.8571

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.



15.9410, 17.7488, 24.9940



18.6548, 17.7488, 16.3526



14.9085, 17.7488, 19.5746

Square

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



18.6548, 17.7488, 16.3526



15.7970, 17.7488, 14.7927



15.2023, 17.7488, 22.6383



17.9899, 17.7488, 24.7006

Rectangle

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



18.6548, 17.7488, 16.3526



17.1405, 17.7488, 14.0831



15.2023, 17.7488, 22.6383



16.6018, 17.7488, 25.7298

Sweetspot

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



18.6553, 17.7496, 16.3530



39.3006, 40.1620, 41.7595



19.8080, 17.5274, 24.5295



8.7691, 8.9432, 9.2686



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.



18.6553, 17.7496, 16.3530



31.7751, 29.4507, 25.8719



20.4314, 21.3018, 16.9450



5.0832, 5.1493, 5.2784



9.8212, 5.3767, 0.5202



0.0712, 0.0477, 0.0054

Inverse Universe

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



18.9661, 21.7064, 26.8571



32.4272, 37.7696, 47.9643



17.0574, 17.8890, 26.2209



5.1169, 5.5768, 6.4126



10.3263, 13.9229, 24.1888



0.0759, 0.1071, 0.1631

Previews

White Background



This preview shows how the XYZ color 18.6548, 17.7488, 16.3526 looks on a white background.

Color Contrast Check

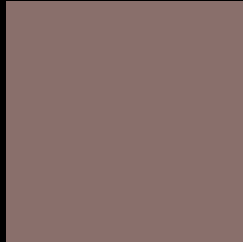
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6548, 17.7488, 16.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

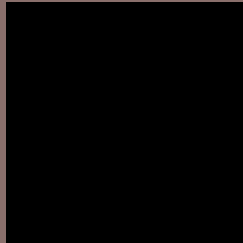
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6548, 17.7488, 16.3526

Background



This preview shows how black text looks on a background with the XYZ color 18.6548, 17.7488, 16.3526.

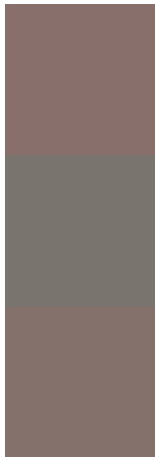


This preview shows how white text looks on a background with the XYZ color 18.6548, 17.7488,

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

18.6548, 17.7488, 16.3526

Protanopia

17.0609, 17.9133, 17.3103

Deuteranopia

18.0747, 17.7773, 16.3886



Tritanopia

19.2199, 17.6486, 19.5331

Trichromacy



Original Color

18.6548, 17.7488, 16.3526

Protanomaly

17.6434, 17.8776, 16.9888

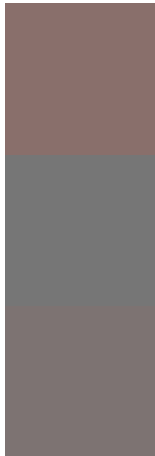
Deuteranomaly

18.2795, 17.7182, 16.3664

Tritanomaly

19.0944, 17.7700, 18.3432

Monochromacy



Original Color

18.6548, 17.7488, 16.3526

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6254, 17.8363, 18.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6548, 17.7488, 16.3526 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(137, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(137, 111, 107)  
}
```

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(137, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 111, 107) }
```

Border

The CSS property to change the border of an element to XYZ 18.6548, 17.7488, 16.3526 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(137, 111, 107) }
```


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

```
.border{ border-color:rgb(137, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(137, 111,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6548, 17.7488, 16.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 111, 107) }
```

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

```
.background{ background-color: rgb(137,  
111, 107) }
```

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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