

Converting Colors

XYZ(18.5534, 17.5795, 6.9797)

Have a look what the booklet for
XYZ(18.5534, 17.5795, 6.9797)
contains.

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Color

**XYZ(18.5509, 17.5810,
6.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	946D3E
RGB	148, 109, 62
RGB Percent	58%, 43%, 24%
CMY	0.4196, 0.5725, 0.7569
CMYK	0.00, 0.26, 0.58, 0.42
HSL	33°, 41%, 41%
HSV	33°, 58%, 58%
XYZ	18.5509, 17.5810, 6.9732
YIQ	115.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

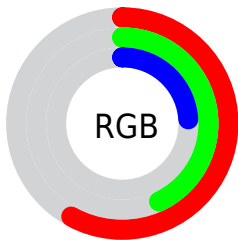
Format	Color
R_{YB}	133, 148, 62
Decimal	9727294
CIE _{Lab}	48.98, 9.93, 32.02
CIE _{LCh}	49, 33.527, 72.774
Yxy	17.5810, 0.4304, 0.4079
Android (android.graphics.Color)	4287917374 (0xFF946D3E)
YUV	115.3030, -26.2784, 28.6753
Hunter-Lab	41.9297, 5.5965, 19.4905

Details

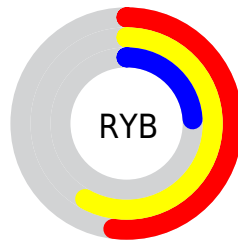
The XYZ color **18.5509, 17.5810, 6.9732** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.9854, 12.4691, 29.7919**, and the grayscale version is **16.4574, 17.3144, 18.8554**.

A 20% lighter version of the original color is **40.3419, 39.1267, 20.4649**, and **6.4322, 5.8623, 1.2827** is the 20% darker color. If you saturate the color by 10%, you get **17.5101, 16.0632, 4.8883**, and if you desaturate by 10%, it is **19.7579, 19.2541, 9.6596**.

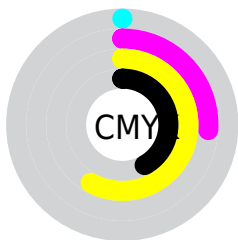
Distribution



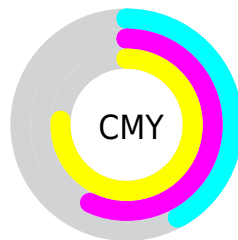
- Red (58%)
- Green (43%)
- Blue (24%)



- Red (52%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (58%)
- Black (42%)



- Cyan (42%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5509, 17.5810, 6.9732 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 18.5509, 17.5810, 6.9732 by changing the saturation by 10% instead.

■ 18.5509, 17.5810,
6.9732

■ 18.5509, 17.5810,
6.9732

236.9441,
238.4986, 177.0633

■ 11.4483, 10.6496,
3.3672

■ 40.4966, 39.3221,
20.4312

■ 6.4387, 5.8317,
1.2850

■ 56.0704, 54.9005,
31.1203

■ 3.1568, 2.7430,
0.0495

■ 75.1987, 74.1300,
45.0074

■ 1.2372, 0.9991,
0.0000

■ 98.2467, 97.3951,
62.5112

■ 0.1355, 0.0000,
0.0000

■ 125.5800,
125.0801, 84.0501

■ 0.0000, 0.0000,
0.0000

■ 157.5637,

157.5695, 110.0428

194.5633,
195.2475, 140.9076

■ 18.5509, 17.5810,
6.9732

■ 18.5509, 17.5810,
6.9732

■ 17.5101, 16.0632,
4.8883

■ 19.7579, 19.2541,
9.6596

■ 16.6237, 14.6921,
3.3550

■ 21.1391, 21.0856,
12.9899

■ 15.8803, 13.4616,
2.3167

■ 22.7035, 23.0815,
17.0040

■ 15.2574, 12.3608,
1.6622

■ 24.4590, 25.2469,
21.7380

■ 15.1469, 12.1644,
1.5496

■ 26.4131, 27.5863,
27.2257

■ 28.5727, 30.1043,
33.4985

■ 30.9444, 32.8050,
40.5861

■ 33.5345, 35.6927,
48.5167

■ 36.3489, 38.7713,
57.3170

Harmonies

Analogous

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



21.5131, 17.5810, 9.6833



18.5509, 17.5810, 6.9732



15.4183, 17.5810, 6.7985

Triad

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



18.5509, 17.5810, 6.9732



11.5148, 17.5810, 23.1994



21.1254, 17.5810, 34.7306

Complementary

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



18.5509, 17.5810, 6.9732



11.9854, 12.4691, 29.7919

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.



18.0724, 17.5810, 41.2689



18.5509, 17.5810, 6.9732



12.6813, 17.5810, 33.3453

Square

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



18.5509, 17.5810, 6.9732



11.6092, 17.5810, 14.4913



14.9955, 17.5810, 40.6950



23.1217, 17.5810, 24.6961

Rectangle

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



18.5509, 17.5810, 6.9732



13.6679, 17.5810, 8.0241



14.9955, 17.5810, 40.6950



20.1734, 17.5810, 37.5322

Sweetspot

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



18.5513, 17.5819, 6.9735



43.4090, 44.8529, 39.0512



16.3403, 10.7033, 13.8100



9.7761, 10.0770, 8.5476



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.5513, 17.5819, 6.9735



30.3520, 27.5186, 7.6320



23.1599, 27.5594, 8.6565



6.0477, 6.3091, 6.1395



12.9654, 10.4453, 1.3328



0.1882, 0.1868, 0.0261

Inverse Universe

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



11.9854, 12.4691, 29.7919



17.6282, 17.6293, 51.9083



9.2392, 6.7029, 28.8237



5.7031, 6.0402, 7.3350



6.3124, 5.3196, 24.6251



0.1061, 0.1228, 0.3110

Previews

White Background



This preview shows how the XYZ color 18.5509, 17.5810, 6.9732 looks on a white background.

Color Contrast Check

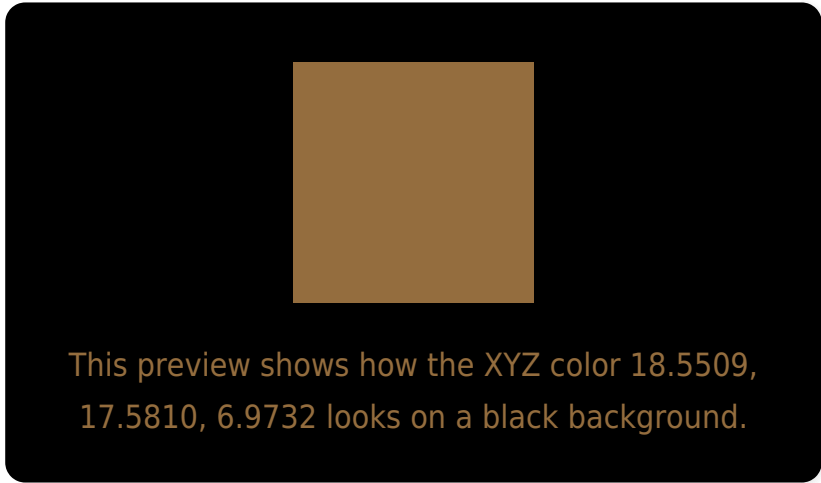
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 18.5509, 17.5810, 6.9732

Background



This preview shows how black text looks on a background with the XYZ color 18.5509, 17.5810, 6.9732.



This preview shows how white text looks on a background with the XYZ color 18.5509, 17.5810,

6.9732.

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

18.5509, 17.5810, 6.9732

Protanopia

16.2175, 17.6934, 7.5614

Deuteranopia

17.8544, 17.5454, 6.8605



Tritanopia

20.6684, 17.5236, 17.3320

Trichromacy



Original Color

18.5509, 17.5810, 6.9732

Protanomaly

16.9344, 17.5557, 7.3465

Deuteranomaly

18.0953, 17.5085, 6.8406

Tritanomaly

19.7899, 17.4728, 12.6855

Monochromacy



Original Color

18.5509, 17.5810, 6.9732

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7688, 17.1668, 13.4960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5509, 17.5810, 6.9732 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(148, 109, 62)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 62)  
}
```

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(148, 109, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 62) }
```

Border

The CSS property to change the border of an element to XYZ 18.5509, 17.5810, 6.9732 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(148, 109, 62) }
```


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

```
.border{ border-color:rgb(148, 109, 62) }
```

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

Here you see how a box with a 4 pixel rgb(148, 109, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 62);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5509, 17.5810, 6.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 62) }
```

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

```
.background{ background-color: rgb(148,  
109, 62) }
```

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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