

Converting Colors

XYZ(18.3751, 14.9647, 4.7163)

Have a look what the booklet for
XYZ(18.3751, 14.9647, 4.7163)
contains.

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Color

**XYZ(18.3751, 14.9647,
4.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5B30
RGB	158, 91, 48
RGB Percent	62%, 36%, 19%
CMY	0.3804, 0.6431, 0.8118
CMYK	0.00, 0.42, 0.70, 0.38
HSL	23°, 53%, 40%
HSV	23°, 70%, 62%
XYZ	18.3751, 14.9647, 4.7163
YIQ	106.1310, 53.7350, 0.8310

Conversions

Conversions Part 2

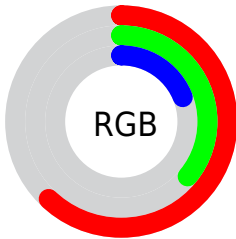
Format	Color
RYB	158, 119, 48
Decimal	10378032
CIELab	45.59, 23.66, 35.94
CIElCh	46, 43.030, 56.649
Yxy	14.9647, 0.4828, 0.3932
Android (android.graphics.Color)	4288568112 (0xFF9E5B30)
YUV	106.1310, -28.6586, 45.4891
Hunter-Lab	38.6842, 17.0905, 19.8505

Details

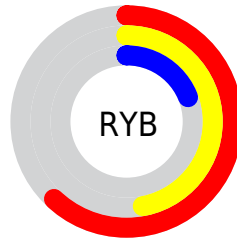
The XYZ color **18.3751, 14.9647, 4.7163** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.5207, 15.3574, 34.5991**, and the grayscale version is **13.8018, 14.5206, 15.8129**.

A 20% lighter version of the original color is **40.1032, 34.7895, 15.6677**, and **6.3857, 4.6283, 0.5855** is the 20% darker color. If you saturate the color by 10%, you get **17.3348, 13.3162, 3.0375**, and if you desaturate by 10%, it is **19.6378, 16.8722, 7.0425**.

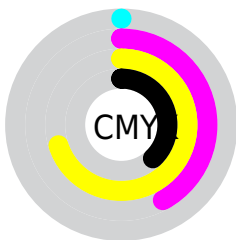
Distribution



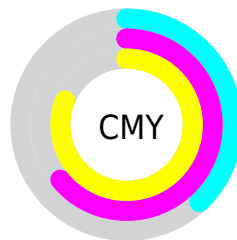
- Red (62%)
- Green (36%)
- Blue (19%)



- Red (62%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3751, 14.9647, 4.7163 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 18.3751, 14.9647, 4.7163 by changing the saturation by 10% instead.

■ 18.3751, 14.9647,
4.7163

■ 18.3751, 14.9647,
4.7163

235.9818,
223.1525, 155.8823

■ 11.3209, 8.7946,
2.0260

■ 40.2005, 34.7912,
15.6307

■ 6.3520, 4.6075,
0.5712

■ 55.7025, 49.2165,
24.6919

■ 3.1030, 2.0188,
0.0000

■ 74.7512, 67.1622,
36.7137

■ 1.2084, 0.6184,
0.0000

■ 97.7119, 89.0129,
52.1148

■ 0.1130, 0.0000,
0.0000

■ 124.9499,
115.1529, 71.3136

■ 0.0000, 0.0000,
0.0000

■ 156.8307,

145.9665, 94.7288

193.7195,
181.8382, 122.7788

■ 18.3751, 14.9647,
4.7163

■ 18.3751, 14.9647,
4.7163

■ 17.3348, 13.3162,
3.0375

■ 19.6378, 16.8722,
7.0425

■ 16.4988, 11.9113,
1.9356

■ 21.1367, 19.0484,
10.0751

■ 15.8337, 10.7304,
1.2539

■ 22.8855, 21.5052,
13.8670

■ 15.8105, 10.6893,
1.2299

■ 24.8966, 24.2529,
18.4661

■ 27.1812, 27.3013,
23.9160

■ 29.7500, 30.6597,
30.2574

■ 32.6131, 34.3370,
37.5283

■ 35.7800, 38.3417,
45.7643

■ 39.2598, 42.6818,
54.9994

Harmonies

Analogous

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



21.3445, 14.9647, 8.9262



18.3751, 14.9647, 4.7163



14.6317, 14.9647, 3.4400

Triad

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



18.3751, 14.9647, 4.7163



8.3756, 14.9647, 15.1633



17.5568, 14.9647, 41.1859

Complementary

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



18.3751, 14.9647, 4.7163



13.5207, 15.3574, 34.5991

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.



13.8230, 14.9647, 45.1484



18.3751, 14.9647, 4.7163



8.8938, 14.9647, 26.8916

Square

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



18.3751, 14.9647, 4.7163



9.1928, 14.9647, 7.6496



10.7497, 14.9647, 39.0743



20.8189, 14.9647, 29.7910

Rectangle

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



18.3751, 14.9647, 4.7163



12.3324, 14.9647, 3.7302



10.7497, 14.9647, 39.0743



16.2987, 14.9647, 43.5951

Sweetspot

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



18.3754, 14.9655, 4.7166



48.5810, 48.5472, 41.5424



18.3001, 10.6401, 17.5614



10.7047, 10.6156, 8.7703



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.3754, 14.9655, 4.7166



30.5237, 22.5946, 4.1948



24.7847, 27.7840, 6.8530



6.8351, 7.0503, 6.9863



12.6989, 8.6335, 0.9971



0.2668, 0.2339, 0.0311

Inverse Universe

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



13.5207, 15.3574, 34.5991



21.0283, 23.1911, 62.1115



9.0504, 6.4168, 33.1090



6.6039, 7.0736, 8.4240



8.3487, 8.7890, 27.1637



0.1895, 0.2376, 0.4991

Previews

White Background



This preview shows how the XYZ color 18.3751, 14.9647, 4.7163 looks on a white background.

Color Contrast Check

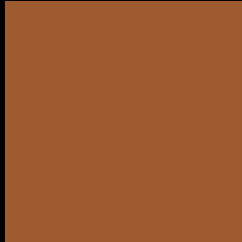
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3751, 14.9647, 4.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

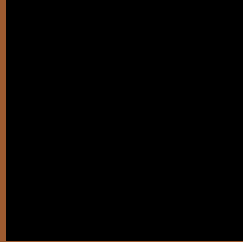
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3751, 14.9647, 4.7163

Background



This preview shows how black text looks on a background with the XYZ color 18.3751, 14.9647, 4.7163.



This preview shows how white text looks on a background with the XYZ color 18.3751, 14.9647,

4.7163.

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

18.3751, 14.9647, 4.7163

Protanopia

13.8570, 15.1874, 5.5693

Deuteranopia

15.3156, 15.0409, 4.5786



Tritanopia

19.9575, 15.0054, 11.9697

Trichromacy



Original Color

18.3751, 14.9647, 4.7163

Protanomaly

15.1804, 14.8101, 5.1905

Deuteranomaly

16.2827, 14.9606, 4.6143

Tritanomaly

19.2914, 14.9748, 8.7111

Monochromacy



Original Color

18.3751, 14.9647, 4.7163

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.7508, 14.3232, 10.5815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3751, 14.9647, 4.7163 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(158, 91, 48)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 48)  
}
```

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(158, 91, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 48) }
```

Border

The CSS property to change the border of an element to XYZ 18.3751, 14.9647, 4.7163 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(158, 91, 48) }
```


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

```
.border{ border-color:rgb(158, 91, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 91, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 91, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 91, 48);  
box-shadow:4px 4px 4px 4px rgb(158, 91,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3751, 14.9647, 4.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 48) }
```

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

```
.background{ background-color: rgb(158, 91,  
48) }
```

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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