

Converting Colors

XYZ(19.0033, 15.2445, 8.8884)

Have a look what the booklet for
XYZ(19.0033, 15.2445, 8.8884)
contains.

XYZ(18.9853, 15.1861, 8.9518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9853, 15.1861,
8.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5B4D
RGB	157, 91, 77
RGB Percent	62%, 36%, 30%
CMY	0.3843, 0.6431, 0.6980
CMYK	0.00, 0.42, 0.51, 0.38
HSL	11°, 34%, 46%
HSV	11°, 51%, 62%
XYZ	18.9853, 15.1861, 8.9518
YIQ	109.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

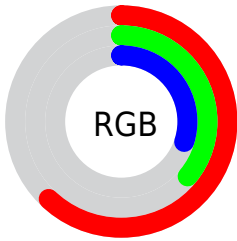
Format	Color
RYB	157, 94, 77
Decimal	10312525
CIELab	45.89, 25.52, 19.74
CIELCh	46, 32.262, 37.720
Yxy	15.1861, 0.4403, 0.3522
Android (android.graphics.Color)	4288502605 (0xFF9D5B4D)
YUV	109.1380, -15.8440, 41.9750
Hunter-Lab	38.9693, 18.7663, 13.6588

Details

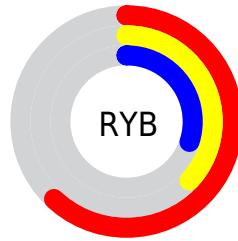
The XYZ color **18.9853, 15.1861, 8.9518** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9684, 23.6560, 35.4646**, and the grayscale version is **14.6103, 15.3711, 16.7392**.

A 20% lighter version of the original color is **41.1705, 35.1485, 24.3531**, and **6.6547, 4.7360, 2.0022** is the 20% darker color. If you saturate the color by 10%, you get **17.4832, 12.9645, 6.0385**, and if you desaturate by 10%, it is **20.8131, 17.8449, 12.6341**.

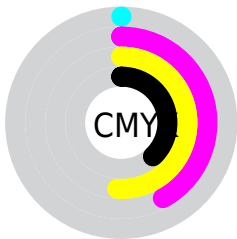
Distribution



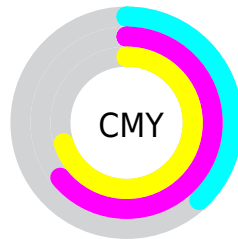
- Red (62%)
- Green (36%)
- Blue (30%)



- Red (62%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9853, 15.1861, 8.9518 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 18.9853, 15.1861, 8.9518 by changing the saturation by 10% instead.

■ 18.9853, 15.1861,
8.9518

■ 18.9853, 15.1861,
8.9518

239.3073,
224.4899, 193.2227

■ 11.7636, 8.9501,
4.6134

■ 41.2263, 35.1793,
24.3805

■ 6.6540, 4.7086,
1.9675

■ 56.9764, 49.7053,
36.3079

■ 3.2910, 2.0773,
0.5352

■ 76.2999, 67.7635,
51.6021

■ 1.3095, 0.6518,
0.0000

■ 99.5622, 89.7381,
70.6815

■ 0.1903, 0.0000,
0.0000

■ 127.1288,
116.0137, 93.9647

■ 0.0000, 0.0000,
0.0000

159.3649,

146.9746, 121.8703

196.6360,
183.0052, 154.8168

■ 18.9853, 15.1861,
8.9518

■ 18.9853, 15.1861,
8.9518

■ 17.4832, 12.9645,
6.0385

■ 20.8131, 17.8449,
12.6341

■ 16.2860, 11.1544,
3.8384

■ 22.9834, 20.9605,
17.1340

■ 15.3724, 9.7306,
2.2897

■ 25.5131, 24.5539,
22.4970

■ 14.7173, 8.6644,
1.3194

■ 28.4178, 28.6441,
28.7652

■ 14.3077, 7.9742,
0.7851

■ 31.7120, 33.2491,
35.9777

■ 35.4095, 38.3861,
44.1716

■ 39.5235, 44.0714,
53.3817

■ 44.0664, 50.3205,
63.6412

■ 49.0502, 57.1484,
74.9819

Harmonies

Analogous

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



20.2702, 15.1861, 14.6010



18.9853, 15.1861, 8.9518



16.5118, 15.1861, 6.1774

Triad

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



18.9853, 15.1861, 8.9518



10.1101, 15.1861, 11.4758



15.1489, 15.1861, 36.2949

Complementary

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



18.9853, 15.1861, 8.9518



18.9684, 23.6560, 35.4646

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.



12.5381, 15.1861, 34.6586



18.9853, 15.1861, 8.9518



9.8416, 15.1861, 18.6328

Square

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



18.9853, 15.1861, 8.9518



11.4612, 15.1861, 7.2826



10.6751, 15.1861, 27.5131



17.8808, 15.1861, 31.4623

Rectangle

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



18.9853, 15.1861, 8.9518



14.6432, 15.1861, 5.6204



10.6751, 15.1861, 27.5131



14.2266, 15.1861, 36.5049

Sweetspot

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



18.9857, 15.1869, 8.9521



48.5548, 48.0126, 46.4467



21.5672, 14.4794, 27.9103



10.4620, 10.2520, 9.7412



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.9857, 15.1869, 8.9521



31.0206, 22.7841, 10.2673



23.2713, 23.7581, 10.3806



6.7223, 6.8246, 6.9486



11.6407, 6.5169, 0.6444



0.2310, 0.1622, 0.0191

Inverse Universe

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



18.9684, 23.6560, 35.4646



30.9428, 39.5910, 63.1377



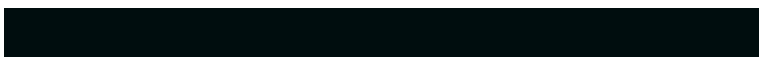
14.0633, 13.8459, 33.8296



6.7230, 7.3118, 8.4637



11.3981, 14.8877, 28.1801



0.2275, 0.3136, 0.5118

Previews

White Background



This preview shows how the XYZ color 18.9853, 15.1861, 8.9518 looks on a white background.

Color Contrast Check

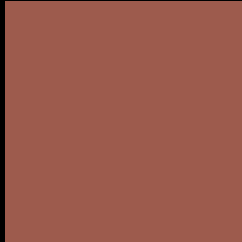
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9853, 15.1861, 8.9518 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 18.9853, 15.1861, 8.9518

Background



This preview shows how black text looks on a background with the XYZ color 18.9853, 15.1861, 8.9518.



This preview shows how white text looks on a background with the XYZ color 18.9853, 15.1861,

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

18.9853, 15.1861, 8.9518

Protanopia

14.3108, 15.3062, 10.7945

Deuteranopia

15.4262, 15.1545, 8.7687



Tritanopia

19.6558, 15.0748, 12.7002

Trichromacy



Original Color

18.9853, 15.1861, 8.9518

Protanomaly

15.6344, 14.9372, 10.0418

Deuteranomaly

16.5816, 15.0209, 8.8629

Tritanomaly

19.4344, 15.1184, 11.1264

Monochromacy



Original Color

18.9853, 15.1861, 8.9518

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5132, 14.8014, 13.3486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9853, 15.1861, 8.9518 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(157, 91, 77)` looks like.

```
.text, #text, p{  
    color:rgb(157, 91, 77)  
}
```

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(157, 91, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.9853, 15.1861, 8.9518 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(157, 91, 77) }
```


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

```
.border{ border-color:rgb(157, 91, 77) }
```

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

Here you see how a box with a 4 pixel rgb(157, 91, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 77);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9853, 15.1861, 8.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 77) }
```

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

```
.background{ background-color: rgb(157, 91,  
77) }
```

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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