

Converting Colors

XYZ(19.3556, 15.8516, 7.5437)

Have a look what the booklet for
XYZ(19.3556, 15.8516, 7.5437)
contains.

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Color

**XYZ(19.3442, 15.7937,
7.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5E44
RGB	159, 94, 68
RGB Percent	62%, 37%, 27%
CMY	0.3765, 0.6314, 0.7333
CMYK	0.00, 0.41, 0.57, 0.38
HSL	17°, 40%, 45%
HSV	17°, 57%, 62%
XYZ	19.3442, 15.7937, 7.4978
YIQ	110.4710, 47.0860, 5.6940

Conversions

Conversions Part 2

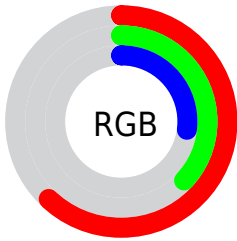
Format	Color
R_{YB}	159, 104, 68
Decimal	10444356
CIE Lab	46.70, 23.84, 26.13
CIE LCh	47, 35.371, 47.628
Yxy	15.7937, 0.4537, 0.3704
Android (android.graphics.Color)	4288634436 (0xFF9F5E44)
YUV	110.4710, -20.9382, 42.5599
Hunter-Lab	39.7413, 17.3382, 16.6329

Details

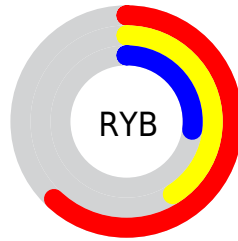
The XYZ color **19.3442, 15.7937, 7.4978** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.0290, 20.5062, 35.8614**, and the grayscale version is **15.0058, 15.7873, 17.1924**.

A 20% lighter version of the original color is **41.9516, 36.2869, 21.6226**, and **6.8903, 5.0420, 1.4742** is the 20% darker color. If you saturate the color by 10%, you get **17.9866, 13.7526, 4.9673**, and if you desaturate by 10%, it is **20.9828, 18.1863, 10.7716**.

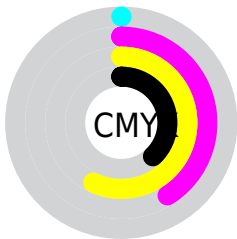
Distribution



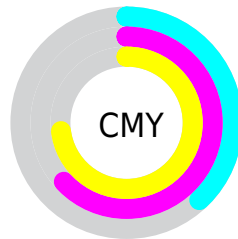
- Red (62%)
- Green (37%)
- Blue (27%)



- Red (62%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3442, 15.7937, 7.4978 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 19.3442, 15.7937, 7.4978 by changing the saturation by 10% instead.

■ 19.3442, 15.7937,
7.4978

■ 19.3442, 15.7937,
7.4978

241.2442,
228.1213, 181.5231

■ 12.0247, 9.3783,
3.6922

■ 41.8273, 36.2397,
21.4976

■ 6.8328, 4.9887,
1.4580

■ 57.7216, 51.0391,
32.5288

■ 3.4032, 2.2407,
0.1864

■ 77.2050, 69.4019,
46.8056

■ 1.3704, 0.7420,
0.0000

■ 100.6427, 91.7125,
64.7467

■ 0.2350, 0.0000,
0.0000

■ 128.4001,
118.3554, 86.7704

■ 0.0000, 0.0000,
0.0000

160.8426,

149.7149, 113.2953

198.3355,
186.1754, 144.7401

■ 19.3442, 15.7937,
7.4978

■ 19.3442, 15.7937,
7.4978

■ 17.9866, 13.7526,
4.9673

■ 20.9828, 18.1863,
10.7716

■ 16.8914, 12.0432,
3.1195

■ 22.9171, 20.9440,
14.8409

■ 16.0395, 10.6474,
1.8858

■ 25.1619, 24.0826,
19.7542

■ 15.4029, 9.5421,
1.1564

■ 27.7307, 27.6161,
25.5558

■ 15.2531, 9.2811,
0.9875

■ 30.6363, 31.5579,
32.2869

■ 33.8905, 35.9209,
39.9862

■ 37.5048, 40.7170,
48.6901

■ 41.4900, 45.9580,
58.4330

■ 45.8565, 51.6550,
69.2479

Harmonies

Analogous

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



21.3583, 15.7937, 12.5747



19.3442, 15.7937, 7.4978



16.3100, 15.7937, 5.4170

Triad

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



19.3442, 15.7937, 7.4978



9.9591, 15.7937, 13.8276



16.8680, 15.7937, 38.8212

Complementary

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



19.3442, 15.7937, 7.4978



17.0290, 20.5062, 35.8614

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.



13.7837, 15.7937, 39.5147



19.3442, 15.7937, 7.4978



10.0658, 15.7937, 22.8315

Square

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



19.3442, 15.7937, 7.4978



11.0646, 15.7937, 8.1449



11.3794, 15.7937, 32.9241



19.8003, 15.7937, 31.2653

Rectangle

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



19.3442, 15.7937, 7.4978



14.2426, 15.7937, 5.3055



11.3794, 15.7937, 32.9241



15.8074, 15.7937, 39.9387

Sweetspot

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



19.3446, 15.7945, 7.4981



49.6186, 49.3970, 45.6660



20.6139, 13.2047, 23.7312



10.9829, 10.8581, 9.8307



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.



19.3446, 15.7945, 7.4981



31.5596, 23.6248, 7.7517



24.6152, 26.3357, 9.2550



6.7798, 6.9395, 6.9678



12.0793, 7.3943, 0.7906



0.2494, 0.1990, 0.0253

Inverse Universe

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



17.0290, 20.5062, 35.8614



26.9281, 32.7826, 63.6519



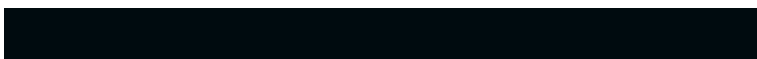
12.1085, 10.6653, 34.2212



6.6616, 7.1889, 8.4432



9.6936, 11.4787, 27.6119



0.2072, 0.2730, 0.5050

Previews

White Background



This preview shows how the XYZ color 19.3442, 15.7937, 7.4978 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 19.3442, 15.7937, 7.4978 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 19.3442, 15.7937, 7.4978

Background



This preview shows how black text looks on a background with the XYZ color 19.3442, 15.7937, 7.4978.



This preview shows how white text looks on a background with the XYZ color 19.3442, 15.7937,

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

19.3442, 15.7937, 7.4978

Protanopia

14.7002, 15.8699, 8.9450

Deuteranopia

16.1291, 15.8523, 7.3640



Tritanopia

20.5118, 15.7525, 13.2687

Trichromacy



Original Color

19.3442, 15.7937, 7.4978

Protanomaly

16.0528, 15.6394, 8.3035

Deuteranomaly

17.2661, 15.8373, 7.4571

Tritanomaly

19.9180, 15.6276, 10.7707

Monochromacy



Original Color

19.3442, 15.7937, 7.4978

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9180, 15.3160, 12.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3442, 15.7937, 7.4978 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(159, 94, 68)` looks like.

```
.text, #text, p{  
    color:rgb(159, 94, 68)  
}
```

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(159, 94, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 94, 68) }
```

Border

The CSS property to change the border of an element to XYZ 19.3442, 15.7937, 7.4978 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(159, 94, 68) }
```


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

```
.border{ border-color:rgb(159, 94, 68) }
```

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

Here you see how a box with a 4 pixel rgb(159, 94, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 94, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 94, 68);  
box-shadow:4px 4px 4px 4px rgb(159, 94,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3442, 15.7937, 7.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 94, 68) }
```

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

```
.background{ background-color: rgb(159, 94,  
68) }
```

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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