

Converting Colors

XYZ(19.6863, 19.0737, 10.6267)

Have a look what the booklet for
XYZ(19.6863, 19.0737, 10.6267)
contains.

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Color

**XYZ(19.6863, 19.0737,
10.6267)**

Conversions

Conversions Part 1

Format	Color
Hex	937352
RGB	147, 115, 82
RGB Percent	58%, 45%, 32%
CMY	0.4235, 0.5490, 0.6784
CMYK	0.00, 0.22, 0.44, 0.42
HSL	30°, 28%, 45%
HSV	30°, 44%, 58%
XYZ	19.6863, 19.0737, 10.6267
YIQ	120.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

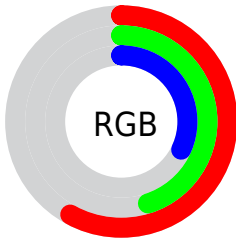
Format	Color
R_{YB}	145, 147, 82
Decimal	9663314
CIE _{Lab}	50.77, 8.02, 23.04
CIE _{LCh}	51, 24.399, 70.819
Yxy	19.0737, 0.3986, 0.3862
Android (android.graphics.Color)	4287853394 (0xFF937352)
YUV	120.8060, -19.1314, 22.9721
Hunter-Lab	43.6734, 4.0324, 16.1449

Details

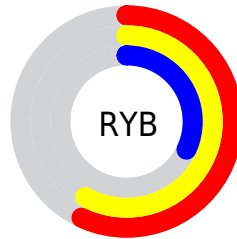
The XYZ color **19.6863, 19.0737, 10.6267** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.7632, 15.9344, 29.9011**, and the grayscale version is **18.1648, 19.1108, 20.8116**.

A 20% lighter version of the original color is **42.3407, 41.8599, 27.6780**, and **7.0449, 6.5746, 2.5668** is the 20% darker color. If you saturate the color by 10%, you get **18.3928, 17.2881, 7.7253**, and if you desaturate by 10%, it is **21.1654, 21.0386, 14.1817**.

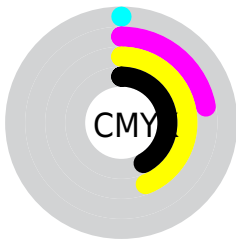
Distribution



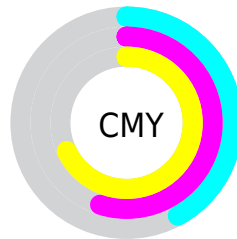
- Red (58%)
- Green (45%)
- Blue (32%)



- Red (57%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6863, 19.0737, 10.6267 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 19.6863, 19.0737, 10.6267 by changing the saturation by 10% instead.

■ 19.6863, 19.0737,
10.6267

■ 19.6863, 19.0737,
10.6267

243.0778,
246.8553, 205.7329

■ 12.2742, 11.7235,
5.7054

■ 42.3986, 41.8586,
27.5938

■ 7.0042, 6.5557,
2.6009

■ 58.4294, 58.0621,
40.4767

■ 3.5111, 3.1858,
0.8929

■ 78.0639, 77.9856,
56.8505

■ 1.4294, 1.2295,
0.0000

■ 101.6673,
102.0133, 77.1339

■ 0.2771, 0.0856,
0.0000

■ 129.6051,
130.5298, 101.7452

■ 0.0000, 0.0000,
0.0000

162.2425,

163.9193, 131.1032

199.9450,
202.5664, 165.6262

■ 19.6863, 19.0737,
10.6267

■ 19.6863, 19.0737,
10.6267

■ 18.3928, 17.2881,
7.7253

■ 21.1654, 21.0386,
14.1817

■ 17.2744, 15.6731,
5.4350

■ 22.8371, 23.1858,
18.4267

■ 16.3212, 14.2230,
3.7105

■ 24.7098, 25.5216,
23.3968

■ 15.5218, 12.9308,
2.4990

■ 26.7909, 28.0511,
29.1242

■ 14.8624, 11.7882,
1.7361

■ 29.0874, 30.7791,
35.6394

■ 14.5242, 11.1863,
1.3937

■ 31.6060, 33.7103,
42.9710

■ 34.3529, 36.8494,
51.1462

■ 37.3343, 40.2005,
60.1912

■ 40.5559, 43.7680,
70.1306

Harmonies

Analogous

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



21.8467, 19.0737, 13.2773



19.6863, 19.0737, 10.6267



17.2772, 19.0737, 10.3111

Triad

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



19.6863, 19.0737, 10.6267



13.9671, 19.0737, 23.3465



21.3128, 19.0737, 32.4487

Complementary

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



19.6863, 19.0737, 10.6267



14.7632, 15.9344, 29.9011

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.



19.0083, 19.0737, 36.6243



19.6863, 19.0737, 10.6267



14.8590, 19.0737, 30.6501

Square

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



19.6863, 19.0737, 10.6267



14.1138, 19.0737, 16.7250



16.6560, 19.0737, 35.9018



22.8414, 19.0737, 25.4152

Rectangle

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



19.6863, 19.0737, 10.6267



15.8680, 19.0737, 11.3672



16.6560, 19.0737, 35.9018



20.5951, 19.0737, 34.2964

Sweetspot

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



19.6868, 19.0746, 10.6271



44.5897, 46.1210, 42.8152



18.1158, 13.4641, 17.7134



10.0139, 10.3254, 9.3279



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.



19.6868, 19.0746, 10.6271



32.9666, 30.9994, 13.8937



23.9892, 27.6795, 12.0612



6.0296, 6.2730, 6.1335



12.6166, 9.7476, 1.2165



0.1839, 0.1782, 0.0247

Inverse Universe

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



14.7632, 15.9344, 29.9011



22.9835, 24.6336, 52.9780



11.7636, 9.9353, 28.9013



5.7211, 6.0761, 7.3410



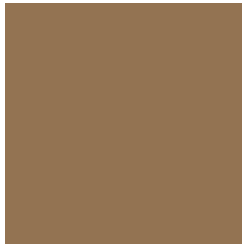
6.6198, 5.9344, 24.7276



0.1104, 0.1313, 0.3124

Previews

White Background



This preview shows how the XYZ color 19.6863, 19.0737, 10.6267 looks on a white background.

Color Contrast Check

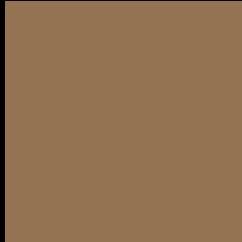
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.6863, 19.0737, 10.6267 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

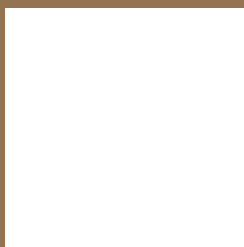
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6863, 19.0737, 10.6267

Background



This preview shows how black text looks on a background with the XYZ color 19.6863, 19.0737, 10.6267.



This preview shows how white text looks on a background with the XYZ color 19.6863, 19.0737,

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

19.6863, 19.0737, 10.6267

Protanopia

17.7977, 19.1401, 11.1439

Deuteranopia

19.4454, 19.1197, 10.6482



Tritanopia

21.4834, 18.9678, 19.9816

Trichromacy



Original Color

19.6863, 19.0737, 10.6267

Protanomaly

18.4747, 19.1366, 10.9036

Deuteranomaly

19.6224, 19.2110, 10.6565

Tritanomaly

20.7901, 19.0185, 16.2109

Monochromacy



Original Color

19.6863, 19.0737, 10.6267

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4566, 19.0010, 16.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6863, 19.0737, 10.6267 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(147, 115, 82)` looks like.

```
.text, #text, p{  
    color:rgb(147, 115, 82)  
}
```

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(147, 115, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 115, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.6863, 19.0737, 10.6267 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(147, 115, 82) }
```


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

```
.border{ border-color:rgb(147, 115, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 115, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 115, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 115, 82);  
box-shadow:4px 4px 4px 4px rgb(147, 115,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6863, 19.0737, 10.6267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 115, 82) }
```

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

```
.background{ background-color: rgb(147,  
115, 82) }
```

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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