

Converting Colors

XYZ(19.3637, 16.2744, 17.1596)

Have a look what the booklet for
XYZ(19.3637, 16.2744, 17.1596)
contains.

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Color

**XYZ(19.3637, 16.2744,
17.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	93636F
RGB	147, 99, 111
RGB Percent	58%, 39%, 44%
CMY	0.4235, 0.6118, 0.5647
CMYK	0.00, 0.33, 0.24, 0.42
HSL	345°, 20%, 48%
HSV	345°, 33%, 58%
XYZ	19.3637, 16.2744, 17.1596
YIQ	114.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

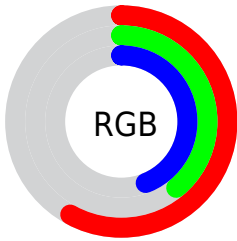
Format	Color
R_{YB}	147, 99, 111
Decimal	9659247
CIE Lab	47.33, 21.22, 1.16
CIE LCh	47, 21.254, 3.138
Yxy	16.2744, 0.3668, 0.3082
Android (android.graphics.Color)	4287849327 (0xFF93636F)
YUV	114.7200, -1.8340, 28.3096
Hunter-Lab	40.3415, 15.0812, 3.0196

Details

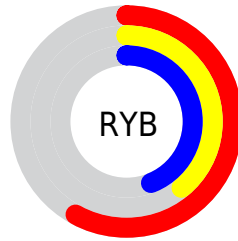
The XYZ color **19.3637, 16.2744, 17.1596** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9532, 25.2698, 26.7488**, and the grayscale version is **16.2114, 17.0557, 18.5737**.

A 20% lighter version of the original color is **41.8743, 37.0136, 39.5877**, and **6.8445, 5.2478, 5.3548** is the 20% darker color. If you saturate the color by 10%, you get **17.5257, 13.5106, 13.7343**, and if you desaturate by 10%, it is **21.5311, 19.5768, 21.0648**.

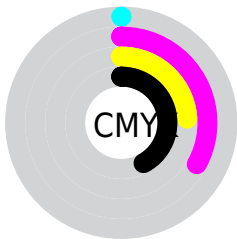
Distribution



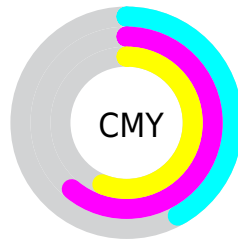
- Red (58%)
- Green (39%)
- Blue (44%)



- Red (58%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3637, 16.2744, 17.1596 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 19.3637, 16.2744, 17.1596 by changing the saturation by 10% instead.

■ 19.3637, 16.2744,
17.1596

■ 19.3637, 16.2744,
17.1596

241.3491,
230.9555, 248.1654

■ 12.0389, 9.7185,
10.1852

■ 41.8599, 37.0739,
39.3944

■ 6.8426, 5.2127,
5.4147

■ 57.7621, 52.0864,
55.4918

■ 3.4093, 2.3726,
2.4296

■ 77.2540, 70.6865,
75.4674

■ 1.3737, 0.8117,
0.8025

■ 100.7012, 93.2586,
99.7396

■ 0.2374, 0.0000,
0.0000

128.4690,
120.1872, 128.7269

■ 0.0000, 0.0000,
0.0000

160.9226,

151.8566, 162.8480

198.4275,
188.6512, 202.5213

■ 19.3637, 16.2744,
17.1596

■ 19.3637, 16.2744,
17.1596

■ 17.5257, 13.5106,
13.7343

■ 21.5311, 19.5768,
21.0648

■ 15.9992, 11.2544,
10.7691

■ 24.0419, 23.4419,
25.4667

■ 14.7667, 9.4753,
8.2440


■ 26.9107, 27.8952,
30.3827

■ 13.8084, 8.1384,
6.1372

■ 30.1512, 32.9600,
35.8287


■ 13.1019, 7.2043,
4.4250


■ 33.7761, 38.6582,
41.8201


 12.6208, 6.6262,
3.0809

 37.7976, 45.0108,
48.3718

 12.3626, 6.3350,
2.3004

 42.2273, 52.0377,
55.4977

 47.0764, 59.7580,
63.2117

 52.3555, 68.1899,
71.5269

Harmonies

Analogous

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



18.9206, 16.2744, 22.8187



19.3637, 16.2744, 17.1596



18.6953, 16.2744, 12.6440

Triad

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



19.3637, 16.2744, 17.1596



13.5761, 16.2744, 10.3910



13.8926, 16.2744, 28.6468

Complementary

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



19.3637, 16.2744, 17.1596



19.9532, 25.2698, 26.7488

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.



12.6359, 16.2744, 23.9999



19.3637, 16.2744, 17.1596



12.4638, 16.2744, 13.4438

Square

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



19.3637, 16.2744, 17.1596



15.2714, 16.2744, 9.2660



12.1339, 16.2744, 18.2926



15.6670, 16.2744, 30.1902

Rectangle

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



19.3637, 16.2744, 17.1596



17.7386, 16.2744, 10.6635



12.1339, 16.2744, 18.2926



13.4006, 16.2744, 27.3552

Sweetspot

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



19.3642, 16.2752, 17.1599



44.2515, 43.8320, 47.6737



19.7205, 16.1820, 29.6880



9.9579, 9.7834, 10.6349



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.



19.3642, 16.2752, 17.1599



32.2656, 25.5108, 26.2583



19.9697, 18.4735, 14.3185



5.8567, 5.8378, 6.3517



10.7265, 5.4956, 2.0406



0.1416, 0.0714, 0.0795

Inverse Universe

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



19.3642, 16.2752, 17.1599



32.2656, 25.5108, 26.2583



19.0766, 22.0877, 30.8618



5.8567, 5.8378, 6.3517



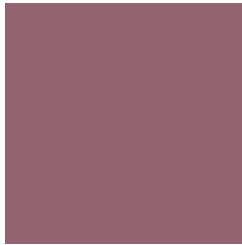
10.7265, 5.4956, 2.0406



0.1416, 0.0714, 0.0795

Previews

White Background



This preview shows how the XYZ color 19.3637, 16.2744, 17.1596 looks on a white background.

Color Contrast Check

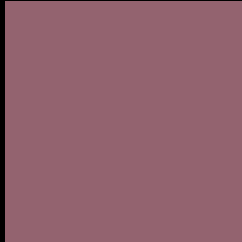
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3637, 16.2744, 17.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

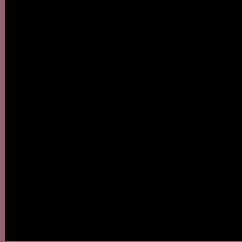
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.3637, 16.2744, 17.1596

Background



This preview shows how black text looks on a background with the XYZ color 19.3637, 16.2744, 17.1596.



This preview shows how white text looks on a background with the XYZ color 19.3637, 16.2744,

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

19.3637, 16.2744, 17.1596

Protanopia

15.9340, 16.4310, 19.7844

Deuteranopia

16.6864, 16.4014, 16.7543



Tritanopia

19.2436, 16.3789, 16.0571

Trichromacy



Original Color

19.3637, 16.2744, 17.1596

Protanomaly

16.8675, 16.1363, 18.7486

Deuteranomaly

17.5389, 16.2155, 16.9574

Tritanomaly

19.2966, 16.4001, 16.3359

Monochromacy



Original Color

19.3637, 16.2744, 17.1596

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2583, 16.6642, 18.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3637, 16.2744, 17.1596 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, 99, 111)` looks like.

```
.text, #text, p{  
    color:rgb(147, 99, 111)  
}
```

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, 99, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 99, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.3637, 16.2744, 17.1596 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, 99, 111) }
```


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

```
.border{ border-color:rgb(147, 99, 111) }
```

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

Here you see how a box with a 4 pixel rgb(147, 99, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 99, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 99, 111);  
box-shadow:4px 4px 4px 4px rgb(147, 99,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3637, 16.2744, 17.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 99, 111) }
```

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

```
.background{ background-color: rgb(147, 99,  
111) }
```

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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