

Converting Colors

XYZ(19.6875, 16.9899, 17.2090)

Have a look what the booklet for
XYZ(19.6875, 16.9899, 17.2090)
contains.

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Color

**XYZ(19.7521, 17.0512,
17.2891)**

Conversions

Conversions Part 1

Format	Color
Hex	93676F
RGB	147, 103, 111
RGB Percent	58%, 40%, 44%
CMY	0.4235, 0.5961, 0.5647
CMYK	0.00, 0.30, 0.24, 0.42
HSL	349°, 18%, 49%
HSV	349°, 30%, 58%
XYZ	19.7521, 17.0512, 17.2891
YIQ	117.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

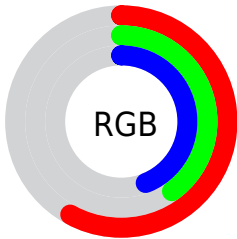
Format	Color
R_{YB}	147, 103, 111
Decimal	9660271
CIE _{Lab}	48.32, 18.90, 2.60
CIE _{LCh}	48, 19.079, 7.841
Yxy	17.0512, 0.3652, 0.3152
Android (android.graphics.Color)	4287850351 (0xFF93676F)
YUV	117.0680, -2.9915, 26.2504
Hunter-Lab	41.2931, 13.1206, 4.0809

Details

The XYZ color **19.7521, 17.0512, 17.2891** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6881, 25.6155, 28.2812**, and the grayscale version is **16.9338, 17.8157, 19.4013**.

A 20% lighter version of the original color is **42.5236, 38.3121, 39.8041**, and **6.9827, 5.5242, 5.4009** is the 20% darker color. If you saturate the color by 10%, you get **17.7982, 14.1328, 13.5874**, and if you desaturate by 10%, it is **22.0532, 20.5210, 21.5470**.

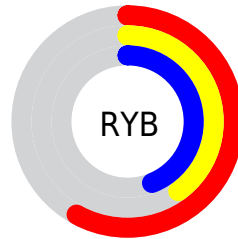
Distribution



Red (58%)

Green (40%)

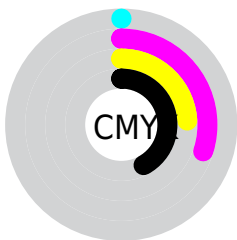
Blue (44%)



Red (58%)

Yellow (40%)

Blue (44%)

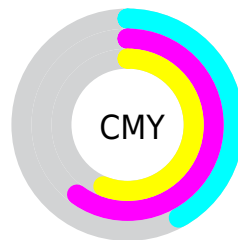


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7521, 17.0512, 17.2891 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 19.7521, 17.0512, 17.2891 by changing the saturation by 10% instead.

■ 19.7521, 17.0512,
17.2891

■ 19.7521, 17.0512,
17.2891

243.4291,
235.4673, 248.9330

■ 12.3222, 10.2710,
10.2767

■ 42.5083, 38.4138,
39.6196

■ 7.0373, 5.5790,
5.4748

■ 58.5653, 53.7650,
55.7748

■ 3.5319, 2.5908,
2.4649

■ 78.2287, 72.7419,
75.8147

■ 1.4409, 0.9221,
0.8215

■ 101.8638, 95.7291,
100.1577

■ 0.2851, 0.0000,
0.0000

129.8361,
123.1108, 129.2226

■ 0.0000, 0.0000,
0.0000

162.5108,

155.2714, 163.4277

200.2534,
192.5955, 203.1917

■ 19.7521, 17.0512,
17.2891

■ 19.7521, 17.0512,
17.2891

■ 17.7982, 14.1328,
13.5874

■ 22.0532, 20.5210,
21.5470

■ 16.1731, 11.7351,
10.4177

■ 24.7160, 24.5662,
26.3817

■ 14.8588, 9.8280,
7.7555

■ 27.7557, 29.2120,
31.8143

■ 13.8351, 8.3773,
5.5741

■ 31.1863, 34.4818,
37.8642

■ 13.0790, 7.3445,
3.8442

■ 35.0211, 40.3973,
44.5502

■ 12.5642, 6.6846,
2.5330

■ 39.2728, 46.9796,
51.8901

■ 12.2294, 6.2835,
1.5934

■ 43.9535, 54.2484,
59.9010

■ 12.2273, 6.2809,
1.5879

■ 49.0747, 62.2230,
68.5996

■ 54.6476, 70.9217,
78.0017

Harmonies

Analogous

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



19.5069, 17.0512, 22.4194



19.7521, 17.0512, 17.2891



18.9949, 17.0512, 13.2863

Triad

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



19.7521, 17.0512, 17.2891



14.2396, 17.0512, 11.9805



14.9772, 17.0512, 28.9288

Complementary

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



19.7521, 17.0512, 17.2891



20.6881, 25.6155, 28.2812

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.



13.7055, 17.0512, 25.0862



19.7521, 17.0512, 17.2891



13.3014, 17.0512, 15.1813

Square

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



19.7521, 17.0512, 17.2891



15.7545, 17.0512, 10.5995



13.1131, 17.0512, 19.9040



16.6674, 17.0512, 29.7675

Rectangle

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



19.7521, 17.0512, 17.2891



18.0535, 17.0512, 11.5782



13.1131, 17.0512, 19.9040



14.4903, 17.0512, 27.9162

Sweetspot

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



19.7526, 17.0520, 17.2894



44.6445, 44.5764, 47.9330



20.7536, 17.2911, 29.8476



10.0350, 9.9376, 10.6606



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.



19.7526, 17.0520, 17.2894



32.9247, 26.8732, 26.3419



20.8349, 19.8901, 15.5740



5.8413, 5.8316, 6.2705



10.6074, 5.4480, 1.4139



0.1378, 0.0699, 0.0595

Inverse Universe

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



19.7526, 17.0520, 17.2894



32.9247, 26.8732, 26.3419



19.2573, 21.7841, 30.7937



5.8413, 5.8316, 6.2705



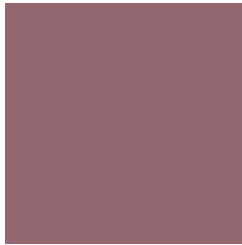
10.6074, 5.4480, 1.4139



0.1378, 0.0699, 0.0595

Previews

White Background



This preview shows how the XYZ color 19.7521, 17.0512, 17.2891 looks on a white background.

Color Contrast Check

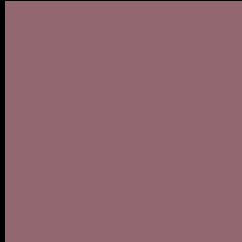
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7521, 17.0512, 17.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

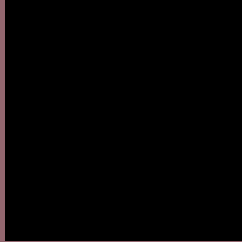
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.7521, 17.0512, 17.2891

Background



This preview shows how black text looks on a background with the XYZ color 19.7521, 17.0512, 17.2891.



This preview shows how white text looks on a background with the XYZ color 19.7521, 17.0512,

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

19.7521, 17.0512, 17.2891

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

17.4010, 17.0839, 17.1322



Tritanopia

19.7521, 17.0512, 17.2891

Trichromacy



Original Color

19.7521, 17.0512, 17.2891

Protanomaly

17.4228, 16.9017, 18.5637

Deuteranomaly

18.1687, 17.0018, 17.0759

Tritanomaly

19.7521, 17.0512, 17.2891

Monochromacy



Original Color

19.7521, 17.0512, 17.2891

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7908, 17.4153, 18.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7521, 17.0512, 17.2891 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, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 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, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.7521, 17.0512, 17.2891 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, 103, 111) }
```


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

```
.border{ border-color:rgb(147, 103, 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, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7521, 17.0512, 17.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 111) }
```

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

```
.background{ background-color: rgb(147,  
103, 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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