

Converting Colors

XYZ(19.3445, 16.6566, 17.2853)

Have a look what the booklet for
XYZ(19.3445, 16.6566, 17.2853)
contains.

XYZ(19.2977, 16.6702, 17.2395)	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(19.2977, 16.6702,
17.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	91666F
RGB	145, 102, 111
RGB Percent	57%, 40%, 44%
CMY	0.4314, 0.6000, 0.5647
CMYK	0.00, 0.30, 0.23, 0.43
HSL	347°, 17%, 48%
HSV	347°, 30%, 57%
XYZ	19.2977, 16.6702, 17.2395
YIQ	115.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

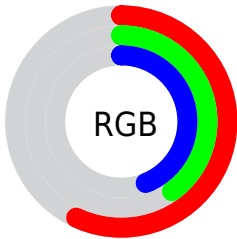
Format	Color
R_{YB}	145, 102, 111
Decimal	9528943
CIE Lab	47.84, 18.69, 1.87
CIE LCh	48, 18.786, 5.726
Yxy	16.6702, 0.3627, 0.3133
Android (android.graphics.Color)	4287719023 (0xFF91666F)
YUV	115.8830, -2.4073, 25.5356
Hunter-Lab	40.8292, 12.9161, 3.5461

Details

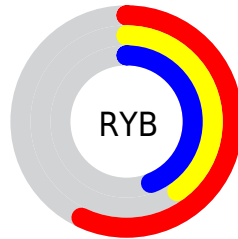
The XYZ color **19.2977, 16.6702, 17.2395** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0496, 24.8536, 27.0343**, and the grayscale version is **16.5673, 17.4301, 18.9814**.

A 20% lighter version of the original color is **41.8215, 37.7062, 39.7241**, and **6.7776, 5.4184, 5.3913** is the 20% darker color. If you saturate the color by 10%, you get **17.4041, 13.8291, 13.6909**, and if you desaturate by 10%, it is **21.5226, 20.0438, 21.2988**.

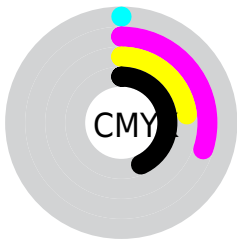
Distribution



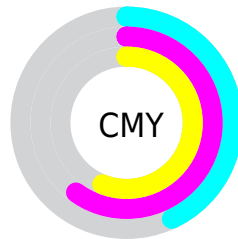
- Red (57%)
- Green (40%)
- Blue (44%)



- Red (57%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (43%)




- Cyan (43%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2977, 16.6702, 17.2395 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 19.2977, 16.6702, 17.2395 by changing the saturation by 10% instead.


 19.2977, 16.6702,
17.2395


 19.2977, 16.6702,
17.2395


240.9940,
233.2646, 248.6393


 11.9909, 9.9996,
10.2416


 41.7495, 37.7579,
39.5334


 6.8096, 5.3987,
5.4518


 57.6252, 52.9437,
55.6665

 3.3886, 2.4830,
2.4514

 77.0880, 71.7368,
75.6817

 1.3624, 0.8681,
0.8142

 100.5030, 94.5216,
99.9977

 0.2292, 0.0000,
0.0000

128.2358,
121.6823, 129.0329

 0.0000, 0.0000,
0.0000

160.6517,

153.6035, 163.2059

198.1160,
190.6694, 202.9351

■ 19.2977, 16.6702,
17.2395

■ 19.2977, 16.6702,
17.2395

■ 17.4041, 13.8291,
13.6909

■ 21.5226, 20.0438,
21.2988

■ 15.8242, 11.4911,
10.6315

■ 24.0923, 23.9728,
25.8870

■ 14.5413, 9.6272,
8.0397

■ 27.0213, 28.4816,
31.0228

■ 13.5361, 8.2047,
5.8921

■ 30.3229, 33.5925,
36.7235

■ 12.7871, 7.1867,
4.1629

■ 34.0095, 39.3265,
43.0057

■ 12.2696, 6.5302,
2.8236

■ 38.0931, 45.7037,
49.8853

■ 11.9265, 6.1283,
1.8327

■ 42.5852, 52.7433,
57.3777

■ 11.9159, 6.1153,
1.8036

■ 47.4967, 60.4636,
65.4975

■ 52.8383, 68.8822,
74.2591

Harmonies

Analogous

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



18.9906, 16.6702, 22.2460



19.2977, 16.6702, 17.2395



18.6276, 16.6702, 13.2472

Triad

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



19.2977, 16.6702, 17.2395



14.0242, 16.6702, 11.6033



14.5476, 16.6702, 28.0094

Complementary

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



19.2977, 16.6702, 17.2395



20.0496, 24.8536, 27.0343

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.



13.3534, 16.6702, 24.1364



19.2977, 16.6702, 17.2395



13.0666, 16.6702, 14.5922

Square

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



19.2977, 16.6702, 17.2395



15.5230, 16.6702, 10.3852



12.8300, 16.6702, 19.0941



16.1705, 16.6702, 29.0575

Rectangle

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



19.2977, 16.6702, 17.2395



17.7432, 16.6702, 11.5034



12.8300, 16.6702, 19.0941



14.0864, 16.6702, 26.9649

Sweetspot

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



19.2982, 16.6710, 17.2398



43.3751, 43.2837, 46.7654



19.9648, 16.7557, 28.9702



9.5057, 9.4087, 10.1494



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2982, 16.6710, 17.2398



32.0931, 26.1477, 26.2708



20.1139, 19.0558, 15.1894



5.4522, 5.4414, 5.8793



10.2288, 5.2485, 1.5902



0.1045, 0.0529, 0.0507

Inverse Universe

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



19.2982, 16.6710, 17.2398



32.0931, 26.1477, 26.2708



18.9534, 21.5946, 29.9575



5.4522, 5.4414, 5.8793



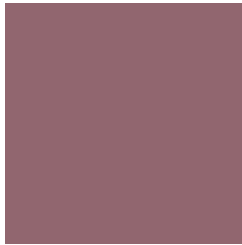
10.2288, 5.2485, 1.5902



0.1045, 0.0529, 0.0507

Previews

White Background



This preview shows how the XYZ color 19.2977, 16.6702, 17.2395 looks on a white background.

Color Contrast Check

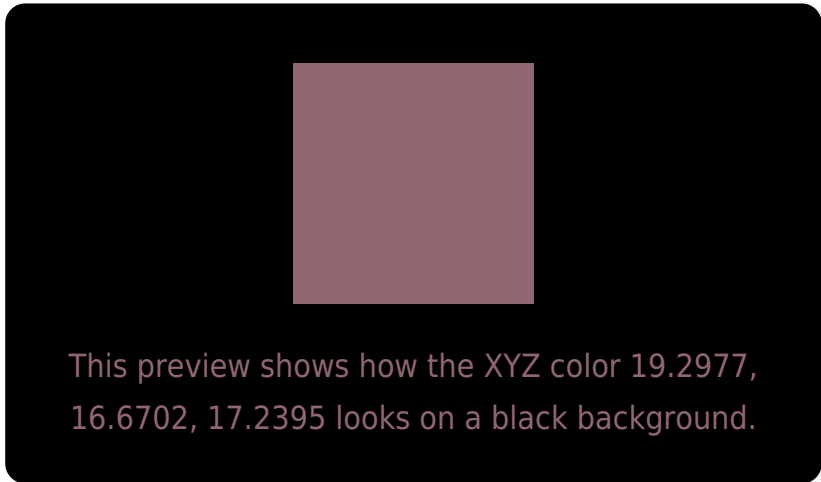
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

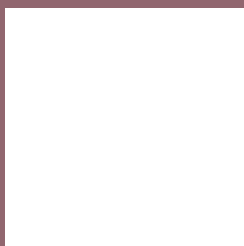
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2977, 16.6702, 17.2395

Background



This preview shows how black text looks on a background with the XYZ color 19.2977, 16.6702, 17.2395.



This preview shows how white text looks on a background with the XYZ color 19.2977, 16.6702,

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

19.2977, 16.6702, 17.2395

Protanopia

16.1862, 16.7394, 19.2076

Deuteranopia

16.9946, 16.7133, 17.0821



Tritanopia

19.2429, 16.6483, 16.9511

Trichromacy



Original Color

19.2977, 16.6702, 17.2395

Protanomaly

17.1673, 16.6107, 18.5210

Deuteranomaly

17.7450, 16.6277, 17.0261

Tritanomaly

19.2429, 16.6483, 16.9511

Monochromacy



Original Color

19.2977, 16.6702, 17.2395

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4741, 17.0958, 18.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2977, 16.6702, 17.2395 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(145, 102, 111)` looks like.

```
.text, #text, p{  
    color:rgb(145, 102, 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(145, 102, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 102, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.2977, 16.6702, 17.2395 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(145, 102, 111) }
```


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

```
.border{ border-color:rgb(145, 102, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 102, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 102, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 102, 111);  
box-shadow:4px 4px 4px 4px rgb(145, 102,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2977, 16.6702, 17.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 102, 111) }
```

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

```
.background{ background-color: rgb(145,  
102, 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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