

Converting Colors

XYZ(17.1663, 10.9477, 14.8440)

Have a look what the booklet for
XYZ(17.1663, 10.9477, 14.8440)
contains.

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Color

**XYZ(17.1663, 10.9477,
14.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	983C6A
RGB	152, 60, 106
RGB Percent	60%, 24%, 42%
CMY	0.4039, 0.7647, 0.5843
CMYK	0.00, 0.61, 0.30, 0.40
HSL	330°, 43%, 42%
HSV	330°, 61%, 60%
XYZ	17.1663, 10.9477, 14.8440
YIQ	92.7520, 40.0660, 33.8100

Conversions

Conversions Part 2

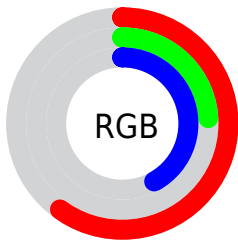
Format	Color
R_{YB}	152, 60, 106
Decimal	9976938
CIE _{Lab}	39.49, 43.44, -7.26
CIE _{LCh}	39, 44.040, 350.514
Yxy	10.9477, 0.3996, 0.2548
Android (android.graphics.Color)	4288167018 (0xFF983C6A)
YUV	92.7520, 6.5313, 51.9605
Hunter-Lab	33.0873, 34.7063, -3.4382

Details

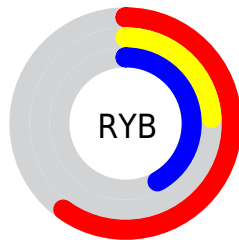
The XYZ color **17.1663, 10.9477, 14.8440** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.6938, 24.4581, 17.5307**, and the grayscale version is **10.3259, 10.8636, 11.8305**.

A 20% lighter version of the original color is **38.1745, 27.5780, 35.2094**, and **5.8264, 2.9124, 4.3927** is the 20% darker color. If you saturate the color by 10%, you get **16.1035, 9.4268, 12.6253**, and if you desaturate by 10%, it is **18.4935, 12.9412, 17.3239**.

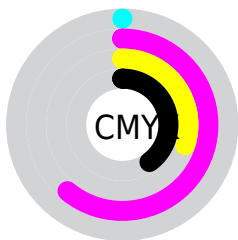
Distribution



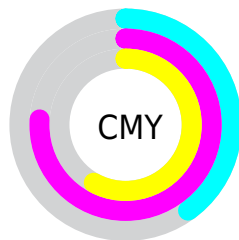
- Red (60%)
- Green (24%)
- Blue (42%)



- Red (60%)
- Yellow (24%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1663, 10.9477, 14.8440 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 17.1663, 10.9477, 14.8440 by changing the saturation by 10% instead.


 17.1663, 10.9477,
14.8440


 17.1663, 10.9477,
14.8440


229.2665,
197.3084, 234.0282


 10.4492, 6.0317,
8.5646


 38.1528, 27.5634,
35.3177

 5.7623, 2.8644,
4.3654

 53.1529, 40.0319,
50.3491

 2.7404, 1.0613,
1.8278

 71.6447, 55.7867,
69.1348

 1.0180, 0.0000,
0.4462

 93.9935, 75.2121,
92.0935

 0.0000, 0.0000,
0.0000

 120.5648, 98.6926,
119.6436

 151.7238,

126.6125, 152.2037

187.8359,
159.3563, 190.1924

■ 17.1663, 10.9477,
14.8440

■ 17.1663, 10.9477,
14.8440

■ 16.1035, 9.4268,
12.6253

■ 18.4935, 12.9412,
17.3239

■ 15.2830, 8.3360,
10.6558

■ 20.1029, 15.4417,
20.0749

■ 14.6806, 7.6281,
8.9226

■ 22.0116, 18.4819,
23.1070

■ 14.2534, 7.1972,
7.4748

■ 24.2352, 22.0918,
26.4294

■ 26.7880, 26.2988,
30.0508

■ 29.6836, 31.1287,
33.9794

■ 32.9346, 36.6056,
38.2231

■ 36.5530, 42.7525,
42.7895

■ 40.5504, 49.5912,
47.6860

Harmonies

Analogous

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



15.5015, 10.9477, 25.7500



17.1663, 10.9477, 14.8440



16.7702, 10.9477, 7.0322

Triad

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



17.1663, 10.9477, 14.8440



8.5185, 10.9477, 2.1946



7.1618, 10.9477, 29.6718

Complementary

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



17.1663, 10.9477, 14.8440



15.6938, 24.4581, 17.5307

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.



5.8973, 10.9477, 18.6691



17.1663, 10.9477, 14.8440



6.5701, 10.9477, 4.2178

Square

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



17.1663, 10.9477, 14.8440



11.3817, 10.9477, 1.9402



5.7036, 10.9477, 9.4080



9.4867, 10.9477, 36.6424

Rectangle

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



17.1663, 10.9477, 14.8440



15.4152, 10.9477, 4.1057



5.7036, 10.9477, 9.4080



6.6190, 10.9477, 26.1300

Sweetspot

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



17.1666, 10.9483, 14.8442



43.7063, 40.5166, 47.9940



13.2278, 8.5635, 30.6617



9.6716, 8.7791, 10.5285



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.1666, 10.9483, 14.8442



27.8110, 15.8028, 20.8791



15.3808, 10.2339, 5.4403



6.3311, 6.2716, 7.1238



11.9667, 6.0409, 6.3498



0.1972, 0.0976, 0.1915

Inverse Universe

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



17.1666, 10.9483, 14.8442



27.8110, 15.8028, 20.8791



18.7596, 25.6844, 33.6748



6.3311, 6.2716, 7.1238



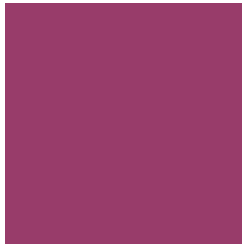
11.9667, 6.0409, 6.3498



0.1972, 0.0976, 0.1915

Previews

White Background



This preview shows how the XYZ color 17.1663, 10.9477, 14.8440 looks on a white background.

Color Contrast Check

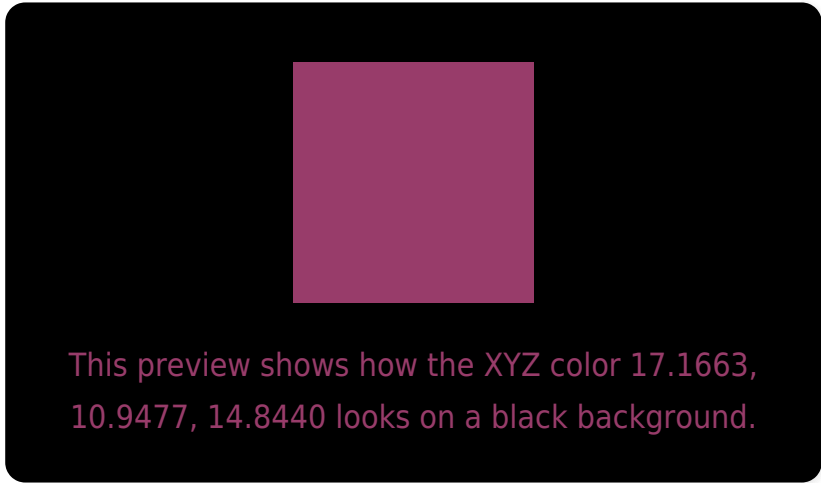
Large Text (above 18pt) WCAG AA ✓ Pass

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

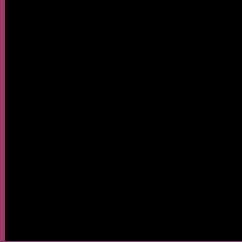
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1663, 10.9477, 14.8440

Background



This preview shows how black text looks on a background with the XYZ color 17.1663, 10.9477, 14.8440.



This preview shows how white text looks on a background with the XYZ color 17.1663, 10.9477,

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

17.1663, 10.9477, 14.8440

Protanopia

11.3779, 11.2262, 21.9893

Deuteranopia

11.2356, 11.0744, 13.8573



Tritanopia

15.6312, 10.9917, 7.4286

Trichromacy



Original Color

17.1663, 10.9477, 14.8440

Protanomaly

12.5169, 10.4291, 19.1226

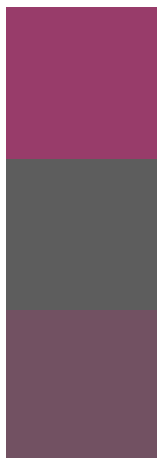
Deuteranomaly

12.7881, 10.5681, 14.1978

Tritanomaly

16.0682, 10.9047, 9.6454

Monochromacy



Original Color

17.1663, 10.9477, 14.8440

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.0865, 10.3441, 12.9149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1663, 10.9477, 14.8440 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(152, 60, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 60, 106)  
}
```

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(152, 60, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 60, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.1663, 10.9477, 14.8440 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(152, 60, 106) }
```


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

```
.border{ border-color:rgb(152, 60, 106) }
```

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

Here you see how a box with a 4 pixel rgb(152, 60, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 60, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 60, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 60,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1663, 10.9477, 14.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 60, 106) }
```

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

```
.background{ background-color: rgb(152, 60,  
106) }
```

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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