

Converting Colors

XYZ(15.9158, 10.7328, 17.7558)

Have a look what the booklet for
XYZ(15.9158, 10.7328, 17.7558)
contains.

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Color

**XYZ(15.9158, 10.7328,
17.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4274
RGB	140, 66, 116
RGB Percent	55%, 26%, 45%
CMY	0.4510, 0.7412, 0.5451
CMYK	0.00, 0.53, 0.17, 0.45
HSL	319°, 36%, 40%
HSV	319°, 53%, 55%
XYZ	15.9158, 10.7328, 17.7558
YIQ	93.8260, 28.0540, 31.2380

Conversions

Conversions Part 2

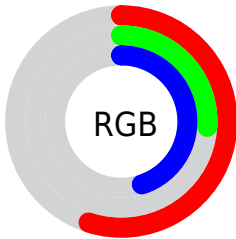
Format	Color
R _Y B	140, 66, 116
Decimal	9192052
CIE Lab	39.13, 37.98, -14.22
CIE LCh	39, 40.552, 339.471
Yxy	10.7328, 0.3584, 0.2417
Android (android.graphics.Color)	4287382132 (0xFF8C4274)
YUV	93.8260, 10.9318, 40.4946
Hunter-Lab	32.7610, 29.3865, -9.2014

Details

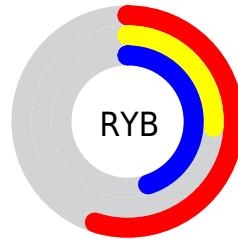
The XYZ color **15.9158, 10.7328, 17.7558** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.4708, 20.6529, 12.9501**, and the grayscale version is **10.5690, 11.1194, 12.1090**.

A 20% lighter version of the original color is **35.9348, 27.1518, 40.3926**, and **5.1309, 2.7577, 5.7307** is the 20% darker color. If you saturate the color by 10%, you get **14.9381, 9.1896, 16.1584**, and if you desaturate by 10%, it is **17.1073, 12.6826, 19.4883**.

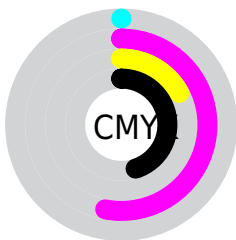
Distribution



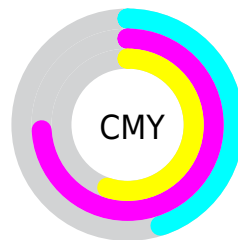
- Red (55%)
- Green (26%)
- Blue (45%)



- Red (55%)
- Yellow (26%)
- Blue (45%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (45%)





- Cyan (45%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9158, 10.7328, 17.7558 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 15.9158, 10.7328, 17.7558 by changing the saturation by 10% instead.


 15.9158, 10.7328,
17.7558


 15.9158, 10.7328,
17.7558


222.1245,
195.8251, 251.6807


 9.5551, 5.8875,
10.6072


 36.0106, 27.1650,
40.4291


 5.1650, 2.7768,
5.6925

 50.4754, 39.5207,
56.7908

 2.3801, 1.0163,
2.5933

 68.3722, 55.1485,
77.0607

 0.8352, 0.0000,
0.8890

 90.0664, 74.4330,
101.6572

 0.0000, 0.0000,
0.0000

 115.9234, 97.7585,
130.9989

146.3085,

125.5095, 165.5044

181.5871,
158.0702, 205.5921

■ 15.9158, 10.7328,
17.7558

■ 15.9158, 10.7328,
17.7558

■ 14.9381, 9.1896,
16.1584

■ 17.1073, 12.6826,
19.4883

■ 14.1581, 8.0218,
14.6897

■ 18.5252, 15.0643,
21.3608

■ 13.5591, 7.1957,
13.3432

■ 20.1822, 17.9030,
23.3785

■ 13.1208, 6.6714,
12.1113

■ 22.0898, 21.2213,
25.5459

■ 12.8624, 6.3943,
11.2860

■ 24.2586, 25.0404,
27.8676

■ 26.6988, 29.3800,
30.3477

■ 29.4198, 34.2592,
32.9902

■ 32.4308, 39.6956,
35.7989

■ 35.7403, 45.7063,
38.7774

Harmonies

Analogous

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



13.8945, 10.7328, 27.4536



15.9158, 10.7328, 17.7558



16.2688, 10.7328, 9.3937

Triad

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



15.9158, 10.7328, 17.7558



9.3657, 10.7328, 2.2702



6.6772, 10.7328, 24.0068

Complementary

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



15.9158, 10.7328, 17.7558



13.4708, 20.6529, 12.9501

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.



5.8680, 10.7328, 14.3242



15.9158, 10.7328, 17.7558



7.2283, 10.7328, 3.5249

Square

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



15.9158, 10.7328, 17.7558



12.1446, 10.7328, 2.5298



6.0501, 10.7328, 7.1863



8.4770, 10.7328, 32.0368

Rectangle

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



15.9158, 10.7328, 17.7558



15.4574, 10.7328, 5.7638



6.0501, 10.7328, 7.1863



6.2962, 10.7328, 20.6980

Sweetspot

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



15.9161, 10.7333, 17.7560



37.7226, 35.2782, 43.6772



10.8439, 7.9358, 25.7713



8.5519, 7.8847, 9.9055



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.9161, 10.7333, 17.7560



26.1125, 15.8581, 28.0924



14.1958, 10.0452, 8.6971



5.1660, 5.1018, 5.9626



11.4380, 5.6853, 10.0768



0.0827, 0.0405, 0.1024

Inverse Universe

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



15.9161, 10.7333, 17.7560



26.1125, 15.8581, 28.0924



15.4192, 21.4323, 23.2101



5.1660, 5.1018, 5.9626



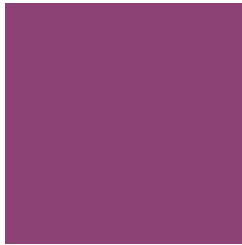
11.4380, 5.6853, 10.0768



0.0827, 0.0405, 0.1024

Previews

White Background



This preview shows how the XYZ color 15.9158, 10.7328, 17.7558 looks on a white background.

Color Contrast Check

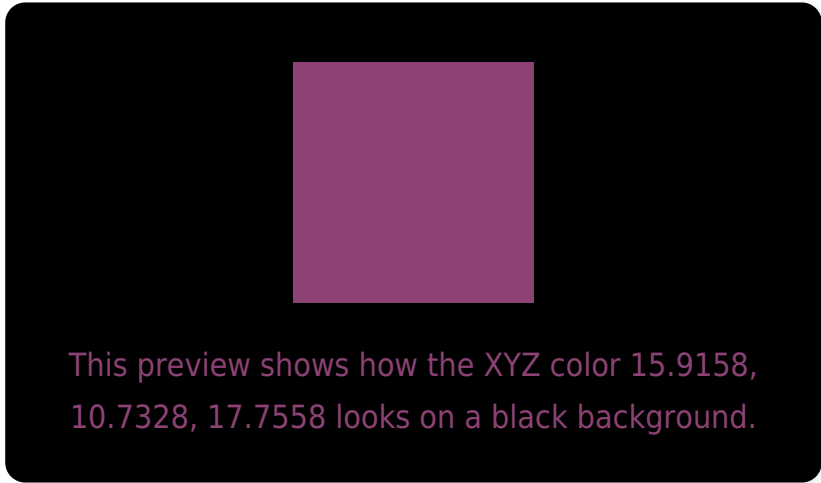
Large Text (above 18pt) WCAG AA ✓ Pass

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

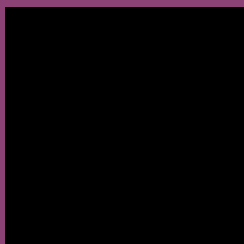
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9158, 10.7328, 17.7558

Background



This preview shows how black text looks on a background with the XYZ color 15.9158, 10.7328, 17.7558.



This preview shows how white text looks on a background with the XYZ color 15.9158, 10.7328,

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

15.9158, 10.7328, 17.7558

Protanopia

11.3387, 10.8937, 24.4268

Deuteranopia

11.0793, 10.9273, 16.8545



Tritanopia

14.0501, 10.7110, 8.9163

Trichromacy



Original Color

15.9158, 10.7328, 17.7558

Protanomaly

12.2804, 10.3598, 21.7745

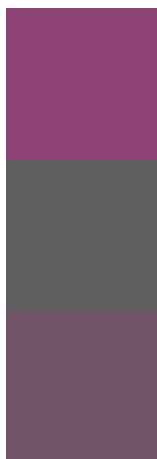
Deuteranomaly

12.3046, 10.4781, 16.9967

Tritanomaly

14.5455, 10.6152, 11.6382

Monochromacy



Original Color

15.9158, 10.7328, 17.7558

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.1241, 10.6795, 13.9927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9158, 10.7328, 17.7558 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(140, 66, 116)` looks like.

```
.text, #text, p{  
    color:rgb(140, 66, 116)  
}
```

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(140, 66, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 66, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.9158, 10.7328, 17.7558 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(140, 66, 116) }
```


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

```
.border{ border-color:rgb(140, 66, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 66, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 66, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 66, 116);  
box-shadow:4px 4px 4px 4px rgb(140, 66,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9158, 10.7328, 17.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 66, 116) }
```

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

```
.background{ background-color: rgb(140, 66,  
116) }
```

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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