

Converting Colors

XYZ(15.9702, 10.7744, 17.1578)

Have a look what the booklet for
XYZ(15.9702, 10.7744, 17.1578)
contains.

XYZ(15.9700, 10.7741, 17.1575)	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(15.9700, 10.7741,
17.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4272
RGB	141, 66, 114
RGB Percent	55%, 26%, 45%
CMY	0.4471, 0.7412, 0.5529
CMYK	0.00, 0.53, 0.19, 0.45
HSL	322°, 36%, 41%
HSV	322°, 53%, 55%
XYZ	15.9700, 10.7741, 17.1575
YIQ	93.8970, 29.2920, 30.8280

Conversions

Conversions Part 2

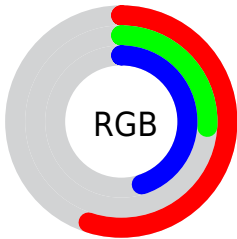
Format	Color
R_{YB}	141, 66, 114
Decimal	9257586
CIE _{Lab}	39.20, 37.98, -12.86
CIE _{LCh}	39, 40.102, 341.299
Yxy	10.7741, 0.3638, 0.2454
Android (android.graphics.Color)	4287447666 (0xFF8D4272)
YUV	93.8970, 9.9108, 41.3093
Hunter-Lab	32.8239, 29.4047, -8.0149

Details

The XYZ color **15.9700, 10.7741, 17.1575** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.7480, 20.9987, 13.6855**, and the grayscale version is **10.5879, 11.1393, 12.1307**.

A 20% lighter version of the original color is **36.0092, 27.2115, 39.4308**, and **5.1649, 2.7821, 5.4190** is the 20% darker color. If you saturate the color by 10%, you get **14.9645, 9.2127, 15.4361**, and if you desaturate by 10%, it is **17.1953, 12.7491, 19.0315**.

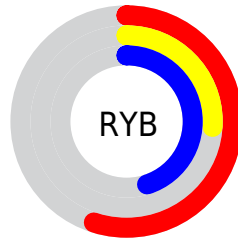
Distribution



Red (55%)

Green (26%)

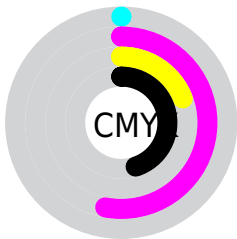
Blue (45%)



Red (55%)

Yellow (26%)

Blue (45%)

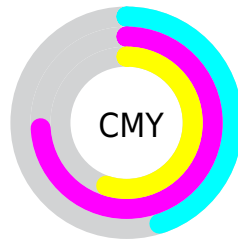


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (45%)



Cyan (45%)

Magenta (74%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9700, 10.7741, 17.1575 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 15.9700, 10.7741, 17.1575 by changing the saturation by 10% instead.

15.9700, 10.7741,
17.1575

15.9700, 10.7741,
17.1575

222.4385,
196.1111, 248.1530

9.5936, 5.9151,
10.1837

36.1040, 27.2417,
39.3907

5.1906, 2.7935,
5.4137

50.5923, 39.6191,
55.4872

2.3954, 1.0249,
2.4291

68.5154, 55.2714,
75.4617

0.8428, 0.0000,
0.8022

90.2384, 74.5831,
99.7328

0.0000, 0.0000,
0.0000

116.1269, 97.9385,
128.7189

146.5462,

125.7221, 162.8386

181.8616,
158.3181, 202.5104

■ 15.9700, 10.7741,
17.1575

■ 15.9700, 10.7741,
17.1575

■ 14.9645, 9.2127,
15.4361

■ 17.1953, 12.7491,
19.0315

■ 14.1624, 8.0329,
13.8603

■ 18.6533, 15.1637,
21.0633

■ 13.5464, 7.2004,
12.4231

■ 20.3570, 18.0433,
23.2587

■ 13.0955, 6.6739,
11.1161

■ 22.3183, 21.4112,
25.6226

■ 12.8402, 6.4050,
10.2855

■ 24.5481, 25.2888,
28.1600

■ 27.0568, 29.6966,
30.8755

■ 29.8541, 34.6537,
33.7733

■ 32.9493, 40.1782,
36.8577

■ 36.3513, 46.2877,
40.1328

Harmonies

Analogous

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



14.0523, 10.7741, 26.7719



15.9700, 10.7741, 17.1575



16.2038, 10.7741, 9.0589

Triad

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



15.9700, 10.7741, 17.1575



9.2591, 10.7741, 2.3701



6.8220, 10.7741, 24.4930

Complementary

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



15.9700, 10.7741, 17.1575



13.7480, 20.9987, 13.6855

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.



5.9557, 10.7741, 14.8832



15.9700, 10.7741, 17.1575



7.1890, 10.7741, 3.7447

Square

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



15.9700, 10.7741, 17.1575



11.9921, 10.7741, 2.5449



6.0771, 10.7741, 7.5897



8.6683, 10.7741, 32.1307

Rectangle

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



15.9700, 10.7741, 17.1575



15.3329, 10.7741, 5.5904



6.0771, 10.7741, 7.5897



6.4225, 10.7741, 21.2449

Sweetspot

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



15.9703, 10.7746, 17.1577



38.8092, 36.3443, 44.5171



11.1952, 8.1084, 26.1745



8.5269, 7.8747, 9.7737



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.



15.9703, 10.7746, 17.1577



26.4551, 15.9806, 27.0053



14.2816, 10.0991, 8.2649



5.5450, 5.4785, 6.3677



11.7155, 5.8432, 9.4191



0.1226, 0.0601, 0.1457

Inverse Universe

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



15.9703, 10.7746, 17.1577



26.4551, 15.9806, 27.0053



15.7846, 21.8133, 24.4100



5.5450, 5.4785, 6.3677



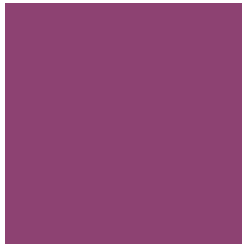
11.7155, 5.8432, 9.4191



0.1226, 0.0601, 0.1457

Previews

White Background



This preview shows how the XYZ color 15.9700, 10.7741, 17.1575 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

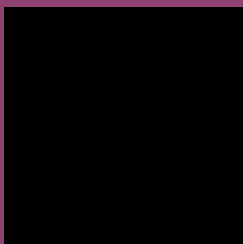
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9700, 10.7741, 17.1575

Background



This preview shows how black text looks on a background with the XYZ color 15.9700, 10.7741, 17.1575.



This preview shows how white text looks on a background with the XYZ color 15.9700, 10.7741,

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

15.9700, 10.7741, 17.1575

Protanopia

11.3690, 11.0532, 23.7246

Deuteranopia

11.1717, 10.9876, 16.2839



Tritanopia

14.3413, 10.8653, 8.7385

Trichromacy



Original Color

15.9700, 10.7741, 17.1575

Protanomaly

12.3386, 10.5177, 21.1185

Deuteranomaly

12.4421, 10.5618, 16.4218

Tritanomaly

14.8325, 10.7682, 11.4219

Monochromacy



Original Color

15.9700, 10.7741, 17.1575

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0748, 10.6597, 13.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9700, 10.7741, 17.1575 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(141, 66, 114)` looks like.

```
.text, #text, p{  
    color:rgb(141, 66, 114)  
}
```

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(141, 66, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 66, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.9700, 10.7741, 17.1575 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(141, 66, 114) }
```


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

```
.border{ border-color:rgb(141, 66, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 66, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 66, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 66, 114);  
box-shadow:4px 4px 4px 4px rgb(141, 66,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9700, 10.7741, 17.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 66, 114) }
```

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

```
.background{ background-color: rgb(141, 66,  
114) }
```

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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