

Converting Colors

XYZ(13.9078, 10.5927, 17.5908)

Have a look what the booklet for
XYZ(13.9078, 10.5927, 17.5908)
contains.

XYZ(13.9228, 10.5550, 17.5232) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(13.9228, 10.5550,
17.5232)**

Conversions

Conversions Part 1	
Format	Color
Hex	7C4B73
RGB	124, 75, 115
RGB Percent	49%, 29%, 45%
CMY	0.5137, 0.7059, 0.5490
CMYK	0.00, 0.40, 0.07, 0.51
HSL	311°, 25%, 39%
HSV	311°, 40%, 49%
XYZ	13.9228, 10.5550, 17.5232
YIQ	94.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

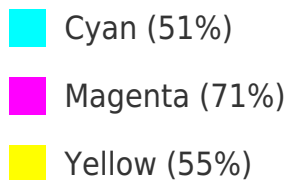
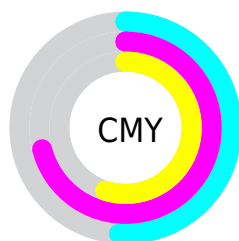
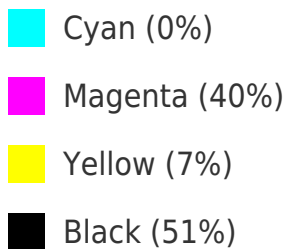
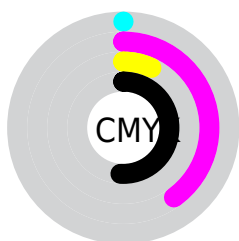
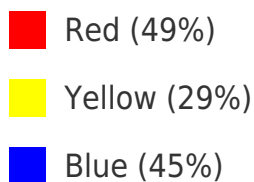
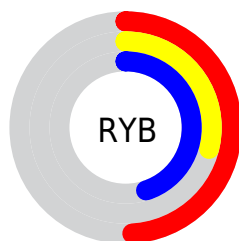
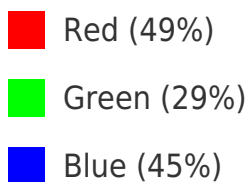
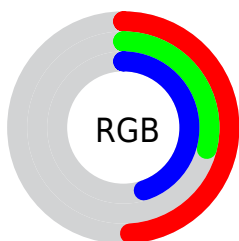
Format	Color
RYB	124, 75, 115
Decimal	8145779
CIELab	38.82, 27.28, -14.27
CIELCh	39, 30.783, 332.383
Yxy	10.5550, 0.3315, 0.2513
Android (android.graphics.Color)	4286335859 (0xFF7C4B73)
YUV	94.2110, 10.2490, 26.1250
Hunter-Lab	32.4885, 19.6407, -9.2371

Details

The XYZ color **13.9228, 10.5550, 17.5232** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.7100, 16.5517, 10.9657**, and the grayscale version is **10.6633, 11.2186, 12.2170**.

A 20% lighter version of the original color is **32.4401, 26.8044, 40.0232**, and **4.2765, 2.7398, 5.6136** is the 20% darker color. If you saturate the color by 10%, you get **13.0330, 8.9823, 16.5879**, and if you desaturate by 10%, it is **14.9805, 12.4578, 18.5306**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9228, 10.5550, 17.5232 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 13.9228, 10.5550, 17.5232 by changing the saturation by 10% instead.


 13.9228, 10.5550,
17.5232


 13.9228, 10.5550,
17.5232


210.2703,
194.5886, 250.3149


 8.1483, 5.7685,
10.4423

 32.5394, 26.8343,
40.0261


 4.2426, 2.7048,
5.5838

 46.1122, 39.0958,
56.2852


 1.8403, 0.9796,
2.5290

 63.0152, 54.6179,
76.4407

 0.5418, 0.0000,
0.8555

 83.6138, 73.7847,
100.9114


 0.0000, 0.0000,
0.0000


 108.2732, 96.9808,
130.1155


137.3588,


124.5906, 164.4718


171.2361,
156.9984, 204.3987


 13.9228, 10.5550,
17.5232


 13.9228, 10.5550,
17.5232


 13.0330, 8.9823,
16.5879


 14.9805, 12.4578,
18.5306


 12.3004, 7.7192,
15.7209


 16.2139, 14.7070,
19.6126


 11.7148, 6.7451,
14.9186

 17.6315, 17.3193,
20.7721


 11.2644, 6.0361,
14.1769

 19.2409, 20.3101,
22.0120


 10.9353, 5.5647,
13.4913


 21.0495, 23.6938,
23.3346


 10.6842, 5.2444,
12.8470

 23.0640, 27.4840,
24.7424

 10.6723, 5.2291,
12.8162

 25.2910, 31.6938,
26.2377

 27.7368, 36.3355,
27.8226

 30.4072, 41.4212,
29.4993

Harmonies

Analogous

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



12.2821, 10.5550, 23.8225



13.9228, 10.5550, 17.5232



14.4817, 10.5550, 11.0319

Triad

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



13.9228, 10.5550, 17.5232



9.8700, 10.5550, 3.5282



7.0720, 10.5550, 18.6167

Complementary

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



13.9228, 10.5550, 17.5232



11.7100, 16.5517, 10.9657

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.



6.6025, 10.5550, 11.9659



13.9228, 10.5550, 17.5232



8.0754, 10.5550, 4.3789

Square

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



13.9228, 10.5550, 17.5232



11.9617, 10.5550, 4.1380



6.9437, 10.5550, 7.0337



8.3223, 10.5550, 24.5897

Rectangle

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



13.9228, 10.5550, 17.5232



14.1119, 10.5550, 7.7250



6.9437, 10.5550, 7.0337



6.8260, 10.5550, 16.3209

Sweetspot

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



13.9231, 10.5555, 17.5234



30.3024, 29.1384, 35.9742



9.8093, 8.3719, 20.1681



7.0758, 6.7502, 8.4232



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.9231, 10.5555, 17.5234



23.1366, 16.1602, 29.4133



12.6962, 10.0647, 11.0625



4.1244, 4.0655, 4.8528



10.8483, 5.3155, 13.0241



51.4581, 25.2396, 60.6016

Inverse Universe

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



13.9231, 10.5555, 17.5234



23.1366, 16.1602, 29.4133



12.8423, 17.0046, 16.9284



4.1244, 4.0655, 4.8528



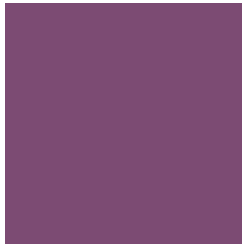
10.8483, 5.3155, 13.0241



51.4581, 25.2396, 60.6016

Previews

White Background



This preview shows how the XYZ color 13.9228, 10.5550, 17.5232 looks on a white background.

Color Contrast Check

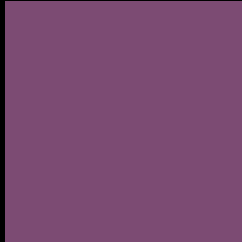
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9228, 10.5550, 17.5232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

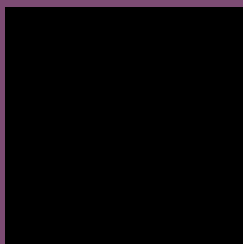
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9228, 10.5550, 17.5232

Background



This preview shows how black text looks on a background with the XYZ color 13.9228, 10.5550, 17.5232.



This preview shows how white text looks on a background with the XYZ color 13.9228, 10.5550,

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

13.9228, 10.5550, 17.5232

Protanopia

10.9003, 10.7379, 21.2368

Deuteranopia

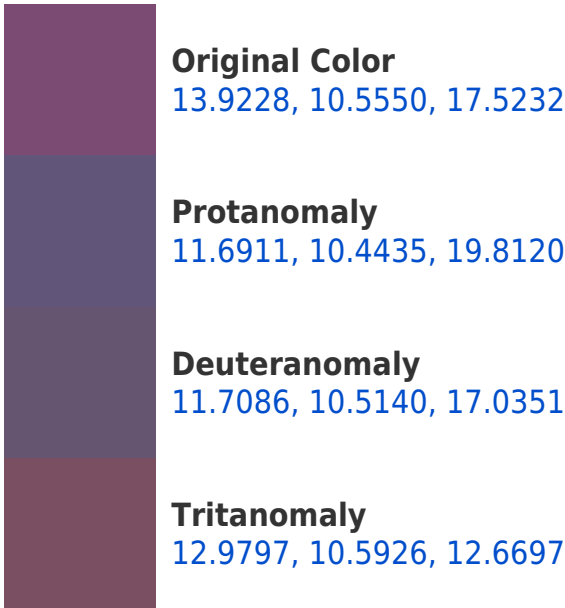
10.7972, 10.6558, 16.8169



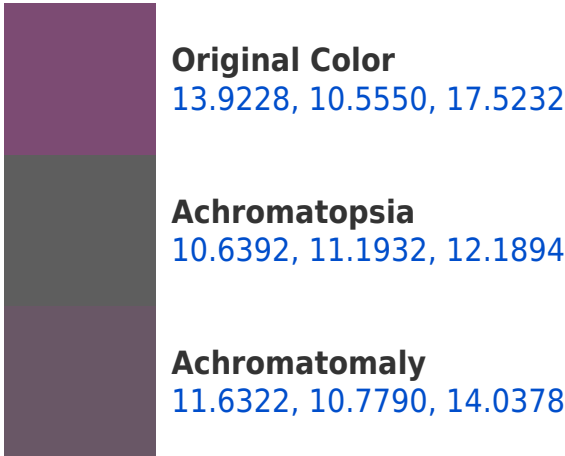
Tritanopia

12.5479, 10.6379, 10.4088

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9228, 10.5550, 17.5232 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(124, 75, 115) looks like.

```
.text, #text, p{  
    color:rgb(124, 75, 115)  
}
```

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(124, 75, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 75, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.9228, 10.5550, 17.5232 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(124, 75, 115) }
```


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

```
.border{ border-color:rgb(124, 75, 115) }
```

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

Here you see how a box with a 4 pixel rgb(124, 75, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 75, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 75, 115);  
box-shadow:4px 4px 4px 4px rgb(124, 75,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9228, 10.5550, 17.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 75, 115) }
```

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

```
.background{ background-color: rgb(124, 75,  
115) }
```

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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