

Converting Colors

XYZ(17.6737, 13.4519, 15.9329)

Have a look what the booklet for
XYZ(17.6737, 13.4519, 15.9329)
contains.

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Color

**XYZ(17.7312, 13.5343,
15.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	92546C
RGB	146, 84, 108
RGB Percent	57%, 33%, 42%
CMY	0.4274, 0.6706, 0.5765
CMYK	0.00, 0.42, 0.26, 0.43
HSL	337°, 27%, 45%
HSV	337°, 42%, 57%
XYZ	17.7312, 13.5343, 15.8652
YIQ	105.2740, 29.2480, 20.6080

Conversions

Conversions Part 2

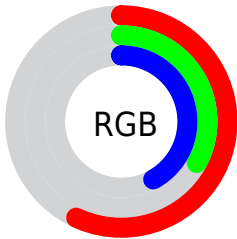
Format	Color
R_{YB}	146, 84, 108
Decimal	9589868
CIE _{Lab}	43.56, 28.98, -2.56
CIE _{LCh}	44, 29.095, 354.957
Yxy	13.5343, 0.3762, 0.2872
Android (android.graphics.Color)	4287779948 (0xFF92546C)
YUV	105.2740, 1.3439, 35.7167
Hunter-Lab	36.7890, 21.6510, 0.1836

Details

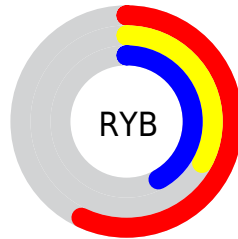
The XYZ color **17.7312, 13.5343, 15.8652** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4485, 23.8482, 22.0970**, and the grayscale version is **13.4928, 14.1954, 15.4588**.

A 20% lighter version of the original color is **39.0094, 32.2487, 36.9695**, and **5.9874, 3.9258, 4.8571** is the 20% darker color. If you saturate the color by 10%, you get **16.2618, 11.3189, 13.1450**, and if you desaturate by 10%, it is **19.4865, 16.2429, 18.9222**.

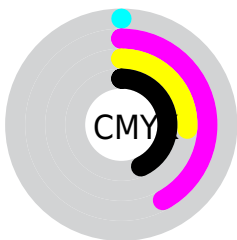
Distribution



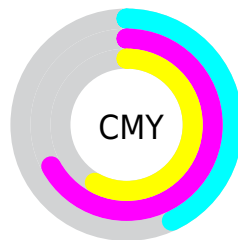
- Red (57%)
- Green (33%)
- Blue (42%)



- Red (57%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (43%)



- Cyan (43%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7312, 13.5343, 15.8652 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 17.7312, 13.5343, 15.8652 by changing the saturation by 10% instead.

■ 17.7312, 13.5343,
15.8652

■ 17.7312, 13.5343,
15.8652

232.4266,
214.3141, 240.3635

■ 10.8557, 7.7975,
9.2755

■ 39.1124, 32.2604,
37.1276

■ 6.0365, 3.9656,
4.8221

■ 54.3489, 46.0185,
52.6373

■ 2.9081, 1.6544,
2.0863

■ 73.1030, 63.2191,
71.9574

■ 1.1054, 0.3938,
0.6076

■ 95.7402, 84.2466,
95.5066

■ 0.0296, 0.0000,
0.0000

■ 122.6258,
109.4855, 123.7032

■ 0.0000, 0.0000,
0.0000

154.1252,

139.3201, 156.9658

190.6036,
174.1349, 195.7131

■ 17.7312, 13.5343,
15.8652

■ 17.7312, 13.5343,
15.8652

■ 16.2618, 11.3189,
13.1450

■ 19.4865, 16.2429,
18.9222

■ 15.0609, 9.5647,
10.7482

■ 21.5414, 19.4705,
22.3271

■ 14.1108, 8.2388,
8.6614

■ 23.9102, 23.2432,
26.0915

■ 13.3913, 7.3030,
6.8699

■ 26.6058, 27.5848,
30.2260

■ 12.8783, 6.7122,
5.3571

■ 29.6405, 32.5178,
34.7409

■ 12.5806, 6.4016,
4.3800

■ 33.0258, 38.0633,
39.6461

■ 36.7727, 44.2415,
44.9510

■ 40.8918, 51.0717,
50.6647

■ 45.3931, 58.5722,
56.7960

Harmonies

Analogous

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



16.7874, 13.5343, 23.1625



17.7312, 13.5343, 15.8652



17.2507, 13.5343, 10.0579

Triad

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



17.7312, 13.5343, 15.8652



11.1053, 13.5343, 6.0475



10.5125, 13.5343, 27.5551

Complementary

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



17.7312, 13.5343, 15.8652



17.4485, 23.8482, 22.0970

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.



9.2921, 13.5343, 20.6790



17.7312, 13.5343, 15.8652



9.6050, 13.5343, 8.6508

Square

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



17.7312, 13.5343, 15.8652



13.2522, 13.5343, 5.4492



8.9804, 13.5343, 13.6627



12.4833, 13.5343, 31.0674

Rectangle

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



17.7312, 13.5343, 15.8652



16.2138, 13.5343, 7.5394



8.9804, 13.5343, 13.6627



10.0105, 13.5343, 25.4775

Sweetspot

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



17.7316, 13.5350, 15.8655



41.8249, 40.4348, 45.4733



16.2724, 12.4961, 28.7488



9.1100, 8.6843, 9.8107



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.



17.7316, 13.5350, 15.8655



28.7893, 20.1193, 23.3844



17.1279, 14.0978, 10.2066



5.8882, 5.8503, 6.5173



11.0812, 5.6375, 3.9085



0.1493, 0.0745, 0.1199

Inverse Universe

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



17.7316, 13.5350, 15.8655



28.7893, 20.1193, 23.3844



18.1939, 22.6584, 30.6090



5.8882, 5.8503, 6.5173



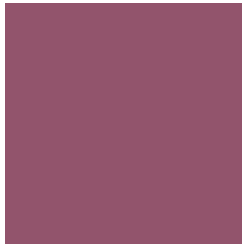
11.0812, 5.6375, 3.9085



0.1493, 0.0745, 0.1199

Previews

White Background



This preview shows how the XYZ color 17.7312, 13.5343, 15.8652 looks on a white background.

Color Contrast Check

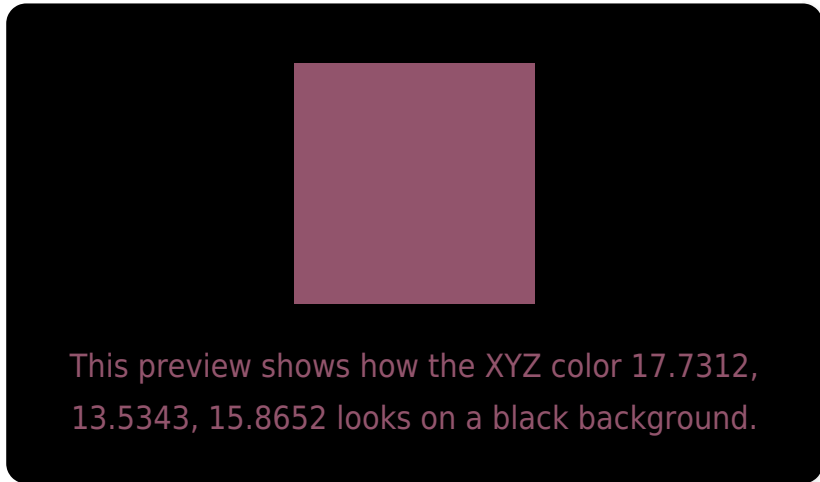
Large Text (above 18pt) WCAG AA ✓ Pass

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

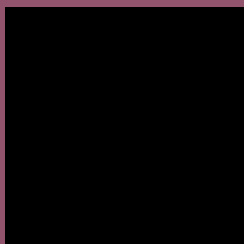
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7312, 13.5343, 15.8652

Background



This preview shows how black text looks on a background with the XYZ color 17.7312, 13.5343, 15.8652.



This preview shows how white text looks on a background with the XYZ color 17.7312, 13.5343,

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

17.7312, 13.5343, 15.8652

Protanopia

13.4959, 13.7659, 19.7151

Deuteranopia

13.7891, 13.5790, 15.2588



Tritanopia

17.0610, 13.6264, 12.0869

Trichromacy



Original Color

17.7312, 13.5343, 15.8652

Protanomaly

14.6714, 13.4086, 18.3379

Deuteranomaly

14.9164, 13.3311, 15.4226

Tritanomaly

17.2094, 13.5572, 13.2650

Monochromacy



Original Color

17.7312, 13.5343, 15.8652

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.6219, 13.5831, 15.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7312, 13.5343, 15.8652 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(146, 84, 108)` looks like.

```
.text, #text, p{  
    color:rgb(146, 84, 108)  
}
```

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(146, 84, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 84, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.7312, 13.5343, 15.8652 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(146, 84, 108) }
```


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

```
.border{ border-color:rgb(146, 84, 108) }
```

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

Here you see how a box with a 4 pixel rgb(146, 84, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 84, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 84, 108);  
box-shadow:4px 4px 4px 4px rgb(146, 84,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7312, 13.5343, 15.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 84, 108) }
```

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

```
.background{ background-color: rgb(146, 84,  
108) }
```

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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