

Converting Colors

XYZ(13.5198, 11.2072, 10.3903)

Have a look what the booklet for
XYZ(13.5198, 11.2072, 10.3903)
contains.

XYZ(13.4900, 11.2347, 10.4743)	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(13.4900, 11.2347,
10.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5257
RGB	127, 82, 87
RGB Percent	50%, 32%, 34%
CMY	0.5020, 0.6784, 0.6588
CMYK	0.00, 0.35, 0.31, 0.50
HSL	353°, 22%, 41%
HSV	353°, 35%, 50%
XYZ	13.4900, 11.2347, 10.4743
YIQ	96.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

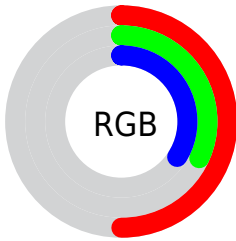
Format	Color
R_{YB}	127, 82, 87
Decimal	8344151
CIE _{Lab}	39.97, 19.55, 4.87
CIE _{LCh}	40, 20.146, 13.975
Yxy	11.2347, 0.3832, 0.3192
Android (android.graphics.Color)	4286534231 (0xFF7F5257)
YUV	96.0250, -4.4493, 27.1651
Hunter-Lab	33.5182, 13.1837, 4.9349

Details

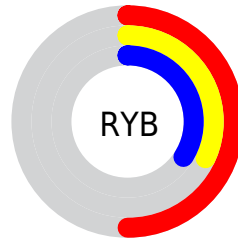
The XYZ color **13.4900, 11.2347, 10.4743** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.5824, 18.3780, 21.1921**, and the grayscale version is **11.1307, 11.7103, 12.7526**.

A 20% lighter version of the original color is **31.8227, 28.1324, 27.4198**, and **4.0293, 2.9654, 2.5505** is the 20% darker color. If you saturate the color by 10%, you get **12.1937, 9.3235, 7.9418**, and if you desaturate by 10%, it is **15.0363, 13.5304, 13.4463**.

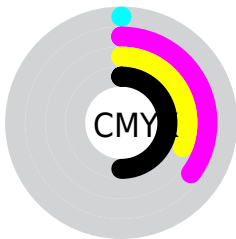
Distribution



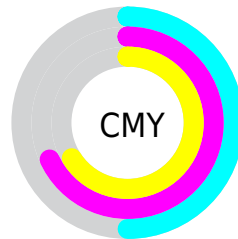
- Red (50%)
- Green (32%)
- Blue (34%)



- Red (50%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4900, 11.2347, 10.4743 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 13.4900, 11.2347, 10.4743 by changing the saturation by 10% instead.

■ 13.4900, 11.2347,
10.4743

■ 13.4900, 11.2347,
10.4743

207.6093,
199.2707, 204.6308

■ 7.8461, 6.2249,
5.6049

■ 31.7752, 28.0934,
27.3055

■ 4.0476, 2.9823,
2.5415

■ 45.1473, 40.7110,
40.1043

■ 1.7291, 1.1225,
0.8620

■ 61.8261, 56.6335,
56.3834

■ 0.4744, 0.0000,
0.0000

■ 82.1771, 76.2450,
76.5612

■ 0.0000, 0.0000,
0.0000

■ 106.5655, 99.9302,
101.0563

135.3568,

128.0732, 130.2872

168.9163,
161.0586, 164.6726

■ 13.4900, 11.2347,
10.4743

■ 13.4900, 11.2347,
10.4743

■ 12.1937, 9.3235,
7.9418

■ 15.0363, 13.5304,
13.4463

■ 11.1335, 7.7742,
5.8273

■ 16.8439, 16.2284,
16.8768

■ 10.2952, 6.5645,
4.1085

■ 18.9245, 19.3471,
20.7841

■ 9.6629, 5.6687,
2.7606

■ 21.2888, 22.9036,
25.1856

■ 9.2185, 5.0577,
1.7560

■ 23.9469, 26.9138,
30.0978

■ 8.9352, 4.6859,
1.0615

■ 26.9084, 31.3930,
35.5363

■ 8.8324, 4.5440,
0.8308

■ 30.1826, 36.3556,
41.5162

■ 33.7782, 41.8155,
48.0518

■ 37.7036, 47.7860,
55.1570

Harmonies

Analogous

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



13.4611, 11.2347, 14.4717



13.4900, 11.2347, 10.4743



12.7212, 11.2347, 7.6472

Triad

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



13.4900, 11.2347, 10.4743



8.9265, 11.2347, 7.5064



9.9567, 11.2347, 21.1719

Complementary

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



13.4900, 11.2347, 10.4743



14.5824, 18.3780, 21.1921

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.



8.8666, 11.2347, 18.3602



13.4900, 11.2347, 10.4743



8.3081, 11.2347, 10.2374

Square

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



13.4900, 11.2347, 10.4743



10.0452, 11.2347, 6.2029



8.2872, 11.2347, 14.1776



11.3374, 11.2347, 21.2743

Rectangle

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



13.4900, 11.2347, 10.4743



11.8954, 11.2347, 6.5593



8.2872, 11.2347, 14.1776



9.5471, 11.2347, 20.4888

Sweetspot

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



13.4903, 11.2352, 10.4745



31.6561, 31.2960, 33.0336



14.8391, 11.6868, 21.5525



7.3164, 7.1847, 7.5551



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.4903, 11.2352, 10.4745



22.1366, 17.1377, 14.8140



14.7613, 14.0928, 9.9254



4.3457, 4.3514, 4.6249



8.9074, 4.5827, 0.8362



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4903, 11.2352, 10.4745



22.1366, 17.1377, 14.8140



12.8599, 14.4246, 22.1853



4.3457, 4.3514, 4.6249



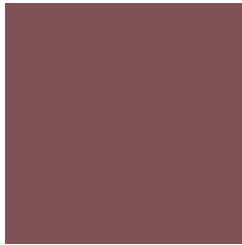
8.9074, 4.5827, 0.8362



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.4900, 11.2347, 10.4743 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 13.4900, 11.2347, 10.4743 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 13.4900, 11.2347, 10.4743

Background



This preview shows how black text looks on a background with the XYZ color 13.4900, 11.2347, 10.4743.



This preview shows how white text looks on a background with the XYZ color 13.4900, 11.2347,

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

13.4900, 11.2347, 10.4743

Protanopia

10.8470, 11.3004, 12.1992

Deuteranopia

11.4442, 11.2638, 10.1653



Tritanopia

13.5311, 11.2512, 10.6910

Trichromacy



Original Color

13.4900, 11.2347, 10.4743

Protanomaly

11.6079, 11.1935, 11.4463

Deuteranomaly

12.1089, 11.2287, 10.3333

Tritanomaly

13.5311, 11.2512, 10.6910

Monochromacy



Original Color

13.4900, 11.2347, 10.4743

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.7803, 11.3983, 11.9351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4900, 11.2347, 10.4743 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(127, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 87)  
}
```

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(127, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 87) }
```

Border

The CSS property to change the border of an element to XYZ 13.4900, 11.2347, 10.4743 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(127, 82, 87) }
```


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

```
.border{ border-color:rgb(127, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(127, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4900, 11.2347, 10.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 87) }
```

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

```
.background{ background-color: rgb(127, 82,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor