

Converting Colors

XYZ(13.7486, 11.2708, 9.8384)

Have a look what the booklet for
XYZ(13.7486, 11.2708, 9.8384)
contains.

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Color

**XYZ(13.7486, 11.2708,
9.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	825154
RGB	130, 81, 84
RGB Percent	51%, 32%, 33%
CMY	0.4902, 0.6823, 0.6706
CMYK	0.00, 0.38, 0.35, 0.49
HSL	356°, 23%, 41%
HSV	356°, 38%, 51%
XYZ	13.7486, 11.2708, 9.8384
YIQ	95.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

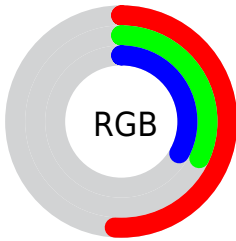
Format	Color
R_{YB}	130, 81, 84
Decimal	8540500
CIE _{Lab}	40.03, 20.95, 6.86
CIE _{LCh}	40, 22.042, 18.138
Yxy	11.2708, 0.3944, 0.3233
Android (android.graphics.Color)	4286730580 (0xFF825154)
YUV	95.9930, -5.9125, 29.8241
Hunter-Lab	33.5720, 14.3493, 6.1253

Details

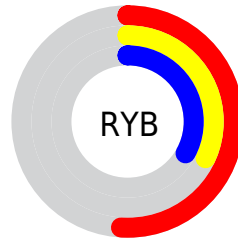
The XYZ color **13.7486, 11.2708, 9.8384** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2072, 19.2472, 22.9932**, and the grayscale version is **11.1259, 11.7053, 12.7471**.

A 20% lighter version of the original color is **32.1171, 28.1164, 25.9246**, and **4.1917, 3.0108, 2.2797** is the 20% darker color. If you saturate the color by 10%, you get **12.4363, 9.3457, 7.2445**, and if you desaturate by 10%, it is **15.3298, 13.6002, 12.9332**.

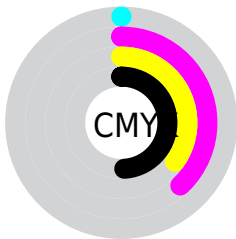
Distribution



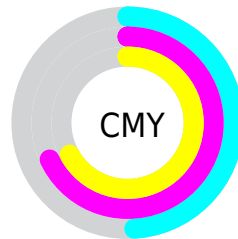
- Red (51%)
- Green (32%)
- Blue (33%)



- Red (51%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (49%)





- Cyan (49%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.7486, 11.2708, 9.8384 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 13.7486, 11.2708, 9.8384 by changing the saturation by 10% instead.


 13.7486, 11.2708,
9.8384


 13.7486, 11.2708,
9.8384


209.2033,
199.5161, 199.9575


 8.0266, 6.2493,
5.1877


 32.2323, 28.1598,
26.0941


 4.1639, 2.9972,
2.2972

 45.7246, 40.7962,
38.5363

 1.7953, 1.1303,
0.7296

 62.5378, 56.7395,
54.4127

 0.5148, 0.0036,
0.0000

 83.0371, 76.3744,
74.1419

 0.0000, 0.0000,
0.0000

 107.5880,
100.0850, 98.1425

136.5557,

128.2560, 126.8329

170.3057,
161.2715, 160.6317

■ 13.7486, 11.2708,
9.8384

■ 13.7486, 11.2708,
9.8384

■ 12.4363, 9.3457,
7.2445

■ 15.3298, 13.6002,
12.9332

■ 11.3771, 7.8005,
5.1245

■ 17.1927, 16.3535,
16.5525

■ 10.5549, 6.6104,
3.4500

■ 19.3505, 19.5507,
20.7195

■ 9.9515, 5.7472,
2.1891

■ 21.8152, 23.2104,
25.4554

■ 9.5457, 5.1783,
1.3058

■ 24.5981, 27.3498,
30.7807

■ 9.2976, 4.8347,
0.7529

■ 27.7101, 31.9856,
36.7145

■ 9.2495, 4.7633,
0.6603

■ 31.1615, 37.1332,
43.2753

■ 34.9619, 42.8078,
50.4807

■ 39.1209, 49.0237,
58.3477

Harmonies

Analogous

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



13.8470, 11.2708, 14.0810



13.7486, 11.2708, 9.8384



12.7915, 11.2708, 7.0189

Triad

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



13.7486, 11.2708, 9.8384



8.6733, 11.2708, 7.4765



10.1209, 11.2708, 22.4648

Complementary

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



13.7486, 11.2708, 9.8384



15.2072, 19.2472, 22.9932

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.



8.8720, 11.2708, 19.6511



13.7486, 11.2708, 9.8384



8.0909, 11.2708, 10.6250

Square

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



13.7486, 11.2708, 9.8384



9.8252, 11.2708, 5.8951



8.1600, 11.2708, 15.0770



11.6518, 11.2708, 22.1106

Rectangle

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



13.7486, 11.2708, 9.8384



11.8423, 11.2708, 6.0104



8.1600, 11.2708, 15.0770



9.6570, 11.2708, 21.8352

Sweetspot

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



13.7489, 11.2713, 9.8386



32.6642, 32.3343, 33.7634



15.6847, 11.9887, 22.6065



7.2980, 7.1773, 7.4581



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.



13.7489, 11.2713, 9.8386



22.2556, 16.9771, 13.4616



15.4658, 14.8891, 9.8440



4.3376, 4.3482, 4.5824



8.8698, 4.5676, 0.6381



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7489, 11.2713, 9.8386



22.2556, 16.9771, 13.4616



12.8669, 14.2491, 23.1913



4.3376, 4.3482, 4.5824



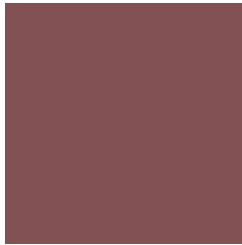
8.8698, 4.5676, 0.6381



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7486, 11.2708, 9.8384 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 13.7486, 11.2708, 9.8384 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 13.7486, 11.2708, 9.8384

Background



This preview shows how black text looks on a background with the XYZ color 13.7486, 11.2708, 9.8384.



This preview shows how white text looks on a background with the XYZ color 13.7486, 11.2708,

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

13.7486, 11.2708, 9.8384

Protanopia

10.8208, 11.3021, 11.5087

Deuteranopia

11.4484, 11.2795, 9.5564



Tritanopia

13.8687, 11.3188, 10.4706

Trichromacy



Original Color

13.7486, 11.2708, 9.8384

Protanomaly

11.6405, 11.1005, 10.7616

Deuteranomaly

12.1720, 11.1539, 9.6950

Tritanomaly

13.8281, 11.3026, 10.2569

Monochromacy



Original Color

13.7486, 11.2708, 9.8384

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.8572, 11.4430, 11.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7486, 11.2708, 9.8384 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(130, 81, 84)` looks like.

```
.text, #text, p{  
    color:rgb(130, 81, 84)  
}
```

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(130, 81, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 81, 84) }
```

Border

The CSS property to change the border of an element to XYZ 13.7486, 11.2708, 9.8384 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(130, 81, 84) }
```


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

```
.border{ border-color:rgb(130, 81, 84) }
```

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

Here you see how a box with a 4 pixel rgb(130, 81, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 81, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 81, 84);  
box-shadow:4px 4px 4px 4px rgb(130, 81,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7486, 11.2708, 9.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 81, 84) }
```

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

```
.background{ background-color: rgb(130, 81,  
84) }
```

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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