

Converting Colors

XYZ(13.8262, 11.5971, 9.3450)

Have a look what the booklet for
XYZ(13.8262, 11.5971, 9.3450)
contains.

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Color

**XYZ(13.7844, 11.5264,
9.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	825351
RGB	130, 83, 81
RGB Percent	51%, 33%, 32%
CMY	0.4902, 0.6745, 0.6823
CMYK	0.00, 0.36, 0.38, 0.49
HSL	2°, 23%, 41%
HSV	2°, 38%, 51%
XYZ	13.7844, 11.5264, 9.2829
YIQ	96.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

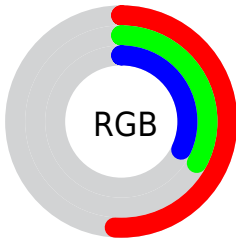
Format	Color
R_{YB}	130, 83, 81
Decimal	8541009
CIE Lab	40.45, 19.36, 9.31
CIE LCh	40, 21.484, 25.676
Yxy	11.5264, 0.3985, 0.3332
Android (android.graphics.Color)	4286731089 (0xFF825351)
YUV	96.8250, -7.8017, 29.0945
Hunter-Lab	33.9506, 13.0600, 7.5541

Details

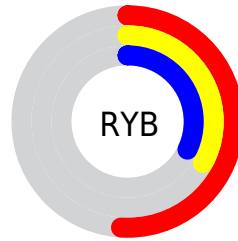
The XYZ color **13.7844, 11.5264, 9.2829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1416, 18.7988, 23.9497**, and the grayscale version is **11.3332, 11.9234, 12.9846**.

A 20% lighter version of the original color is **32.1840, 28.5771, 24.9387**, and **4.2199, 3.1190, 2.1299** is the 20% darker color. If you saturate the color by 10%, you get **12.4731, 9.6107, 6.6666**, and if you desaturate by 10%, it is **15.3612, 13.8237, 12.4485**.

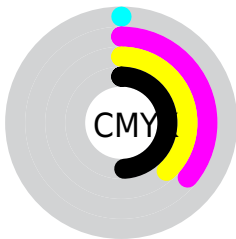
Distribution



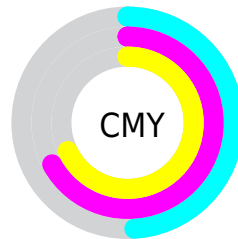
- Red (51%)
- Green (33%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (38%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7844, 11.5264, 9.2829 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 13.7844, 11.5264, 9.2829 by changing the saturation by 10% instead.

13.7844, 11.5264,
9.2829

13.7844, 11.5264,
9.2829

209.4230,
201.2442, 195.7696

8.0516, 6.4221,
4.8268

32.2955, 28.6295,
25.0241

4.1800, 3.1034,
2.0891

45.8044, 41.3972,
37.1462

1.8045, 1.1859,
0.6092

62.6361, 57.4880,
52.6608

0.5204, 0.0502,
0.0000

83.1558, 77.2864,
71.9865

0.0000, 0.0000,
0.0000

107.7290,
101.1769, 95.5416

136.7211,

129.5437, 123.7448

170.4973,
162.7714, 157.0146

■ 13.7844, 11.5264,
9.2829

■ 13.7844, 11.5264,
9.2829

■ 12.4731, 9.6107,
6.6666

■ 15.3612, 13.8237,
12.4485

■ 11.4119, 8.0544,
4.5677

■ 17.2162, 16.5200,
16.1914

■ 10.5852, 6.8357,
2.9521

■ 19.3620, 19.6336,
20.5387

■ 9.9752, 5.9294,
1.7812

■ 21.8105, 23.1811,
25.5155

■ 9.5614, 5.3072,
1.0107

■ 24.5728, 27.1782,
31.1453

■ 9.3113, 4.9302,
0.5470

■ 27.6595, 31.6400,
37.4506

■ 9.2636, 4.8612,
0.4501

■ 31.0806, 36.5807,
44.4529

■ 34.8456, 42.0139,
52.1724

■ 38.9640, 47.9528,
60.6289

Harmonies

Analogous

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



14.1113, 11.5264, 13.1874



13.7844, 11.5264, 9.2829



12.6746, 11.5264, 6.8620

Triad

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



13.7844, 11.5264, 9.2829



8.7295, 11.5264, 8.4232



10.7382, 11.5264, 22.7949

Complementary

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



13.7844, 11.5264, 9.2829



15.1416, 18.7988, 23.9497

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.



9.3994, 11.5264, 20.7408



13.7844, 11.5264, 9.2829



8.3092, 11.5264, 11.9340

Square

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



13.7844, 11.5264, 9.2829



9.7457, 11.5264, 6.4515



8.5428, 11.5264, 16.5064



12.2615, 11.5264, 21.6290

Rectangle

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



13.7844, 11.5264, 9.2829



11.6892, 11.5264, 6.0974



8.5428, 11.5264, 16.5064



10.2531, 11.5264, 22.4473

Sweetspot

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



13.7847, 11.5270, 9.2831



32.6936, 32.5395, 33.3219



16.0689, 12.1990, 22.0567



7.3052, 7.2275, 7.3500



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.



13.7847, 11.5270, 9.2831



22.3209, 17.4443, 12.4458



15.9629, 15.8833, 10.0092



4.3408, 4.3703, 4.5349



8.8836, 4.6636, 0.4320



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1416, 18.7988, 23.9497



25.0583, 32.1271, 42.0729



12.3596, 13.2350, 23.0224



4.4319, 4.8577, 5.5173



10.8585, 15.5356, 22.6763



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7844, 11.5264, 9.2829 looks on a white background.

Color Contrast Check

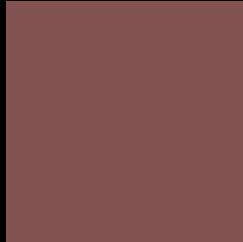
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7844, 11.5264, 9.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

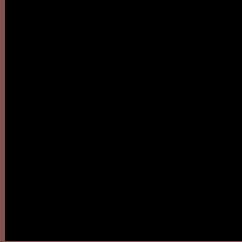
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7844, 11.5264, 9.2829

Background



This preview shows how black text looks on a background with the XYZ color 13.7844, 11.5264, 9.2829.



This preview shows how white text looks on a background with the XYZ color 13.7844, 11.5264,

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

13.7844, 11.5264, 9.2829

Protanopia

10.9581, 11.5252, 10.6639

Deuteranopia

11.7940, 11.5983, 9.0142



Tritanopia

14.1388, 11.5645, 10.7195

Trichromacy



Original Color

13.7844, 11.5264, 9.2829

Protanomaly

11.8112, 11.4530, 10.1825

Deuteranomaly

12.4916, 11.5755, 9.1653

Tritanomaly

14.0171, 11.5158, 10.0783

Monochromacy



Original Color

13.7844, 11.5264, 9.2829

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.0221, 11.6608, 11.5147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7844, 11.5264, 9.2829 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, 83, 81)` looks like.

```
.text, #text, p{  
    color:rgb(130, 83, 81)  
}
```

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, 83, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 83, 81) }
```

Border

The CSS property to change the border of an element to XYZ 13.7844, 11.5264, 9.2829 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, 83, 81) }
```


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

```
.border{ border-color:rgb(130, 83, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 83, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 83, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 83, 81);  
box-shadow:4px 4px 4px 4px rgb(130, 83,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7844, 11.5264, 9.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 83, 81) }
```

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

```
.background{ background-color: rgb(130, 83,  
81) }
```

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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