

Converting Colors

XYZ(13.1293, 11.4715, 9.7233)

Have a look what the booklet for
XYZ(13.1293, 11.4715, 9.7233)
contains.

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Color

**XYZ(13.2013, 11.5652,
9.7201)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5653
RGB	124, 86, 83
RGB Percent	49%, 34%, 33%
CMY	0.5137, 0.6627, 0.6745
CMYK	0.00, 0.31, 0.33, 0.51
HSL	4°, 20%, 41%
HSV	4°, 33%, 49%
XYZ	13.2013, 11.5652, 9.7201
YIQ	97.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

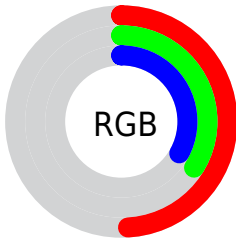
Format	Color
R_{YB}	124, 86, 83
Decimal	8148563
CIE Lab	40.52, 15.33, 8.06
CIE LCh	41, 17.320, 27.721
Yxy	11.5652, 0.3828, 0.3354
Android (android.graphics.Color)	4286338643 (0xFF7C5653)
YUV	97.0200, -6.9119, 23.6615
Hunter-Lab	34.0076, 9.7779, 6.8590

Details

The XYZ color **13.2013, 11.5652, 9.7201** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0425, 16.9683, 21.6039**, and the grayscale version is **11.3798, 11.9725, 13.0380**.

A 20% lighter version of the original color is **31.3291, 28.7392, 25.7258**, and **3.9327, 3.1134, 2.2274** is the 20% darker color. If you saturate the color by 10%, you get **11.9198, 9.7011, 7.1385**, and if you desaturate by 10%, it is **14.7166, 13.7598, 12.8024**.

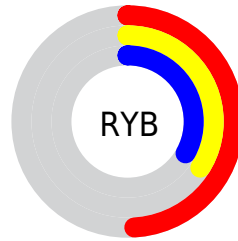
Distribution



Red (49%)

Green (34%)

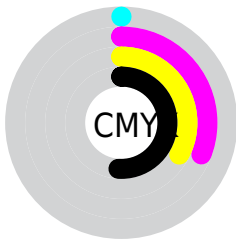
Blue (33%)



Red (49%)

Yellow (34%)

Blue (33%)

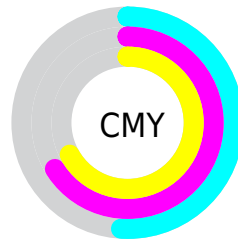


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (51%)



Cyan (51%)

Magenta (66%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2013, 11.5652, 9.7201 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 13.2013, 11.5652, 9.7201 by changing the saturation by 10% instead.

■ 13.2013, 11.5652,
9.7201

■ 13.2013, 11.5652,
9.7201

205.8154,
201.5052, 199.0742

■ 7.6453, 6.4484,
5.1106

■ 31.2632, 28.7007,
25.8672

■ 3.9187, 3.1196,
2.2524

■ 44.4998, 41.4881,
38.2419

■ 1.6562, 1.1945,
0.7044

■ 61.0272, 57.6012,
54.0421

■ 0.4286, 0.0572,
0.0000

■ 81.2110, 77.4243,
73.6863

■ 0.0000, 0.0000,
0.0000

■ 105.4163,
101.3419, 97.5931

134.0086,

129.7383, 126.1810

167.3531,
162.9979, 159.8685

■ 13.2013, 11.5652,
9.7201

■ 13.2013, 11.5652,
9.7201

■ 11.9198, 9.7011,
7.1385

■ 14.7166, 13.7598,
12.8024

■ 10.8596, 8.1498,
5.0305

■ 16.4756, 16.2981,
16.4092

■ 10.0084, 6.8948,
3.3675

■ 18.4888, 19.1944,
20.5636

■ 9.3524, 5.9172,
2.1176

■ 20.7656, 22.4621,
25.2870

■ 8.8758, 5.1958,
1.2446

■ 23.3151, 26.1135,
30.5999

■ 8.5606, 4.7065,
0.7042

■ 26.1460, 30.1606,
36.5214

■ 8.4108, 4.4822,
0.4219

■ 29.2665, 34.6148,
43.0702

■ 32.6845, 39.4869,
50.2638

■ 36.4076, 44.7876,
58.1193

Harmonies

Analogous

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



13.5056, 11.5652, 12.8614



13.2013, 11.5652, 9.7201



12.2927, 11.5652, 7.7258

Triad

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



13.2013, 11.5652, 9.7201



9.1268, 11.5652, 9.3361



10.8994, 11.5652, 20.5644

Complementary

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



13.2013, 11.5652, 9.7201



14.0425, 16.9683, 21.6039

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.



9.7872, 11.5652, 19.1657



13.2013, 11.5652, 9.7201



8.8121, 11.5652, 12.3274

Square

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



13.2013, 11.5652, 9.7201



9.9374, 11.5652, 7.5346



9.0447, 11.5652, 15.9815



12.1195, 11.5652, 19.5211

Rectangle

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



13.2013, 11.5652, 9.7201



11.4986, 11.5652, 7.1048



9.0447, 11.5652, 15.9815



10.5012, 11.5652, 20.3594

Sweetspot

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



13.2016, 11.5657, 9.7203



29.9486, 30.0567, 30.8436



14.8731, 11.8587, 19.6801



6.9599, 6.9443, 7.0717



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.



13.2016, 11.5657, 9.7203



21.4199, 17.7186, 13.4518



15.0517, 15.2659, 10.3370



4.0197, 4.0579, 4.1959



8.5495, 4.5549, 0.4286



40.5324, 21.2282, 1.9612

Inverse Universe

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



14.0425, 16.9683, 21.6039



23.1462, 28.8269, 37.9008



11.8365, 12.5564, 20.8686



4.0832, 4.4646, 5.0897



9.9207, 13.9238, 21.5500



47.0536, 65.8799, 102.7059

Previews

White Background



This preview shows how the XYZ color 13.2013, 11.5652, 9.7201 looks on a white background.

Color Contrast Check

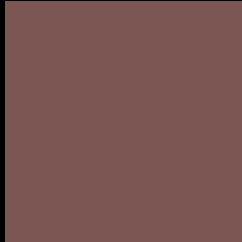
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2013, 11.5652, 9.7201 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 13.2013, 11.5652, 9.7201

Background



This preview shows how black text looks on a background with the XYZ color 13.2013, 11.5652, 9.7201.



This preview shows how white text looks on a background with the XYZ color 13.2013, 11.5652,

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

13.2013, 11.5652, 9.7201

Protanopia

10.9993, 11.5416, 10.8806

Deuteranopia

11.7805, 11.5785, 9.5966



Tritanopia

13.5943, 11.6123, 11.4224

Trichromacy



Original Color

13.2013, 11.5652, 9.7201

Protanomaly

11.6912, 11.5143, 10.4104

Deuteranomaly

12.2494, 11.5664, 9.5696

Tritanomaly

13.4674, 11.5616, 10.7543

Monochromacy



Original Color

13.2013, 11.5652, 9.7201

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.9095, 11.7272, 11.7611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2013, 11.5652, 9.7201 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, 86, 83) looks like.

```
.text, #text, p{  
    color:rgb(124, 86, 83)  
}
```

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, 86, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 83) }
```

Border

The CSS property to change the border of an element to XYZ 13.2013, 11.5652, 9.7201 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, 86, 83) }
```


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

```
.border{ border-color:rgb(124, 86, 83) }
```

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

Here you see how a box with a 4 pixel rgb(124, 86, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 86, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 86, 83);  
box-shadow:4px 4px 4px 4px rgb(124, 86,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2013, 11.5652, 9.7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 86, 83) }
```

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

```
.background{ background-color: rgb(124, 86,  
83) }
```

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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