

Converting Colors

XYZ(13.2174, 11.1156, 13.0846)

Have a look what the booklet for
XYZ(13.2174, 11.1156, 13.0846)
contains.

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Color

**XYZ(13.1830, 11.1333,
13.0094)**

Conversions

Conversions Part 1

Format	Color
Hex	795362
RGB	121, 83, 98
RGB Percent	47%, 33%, 38%
CMY	0.5255, 0.6745, 0.6157
CMYK	0.00, 0.31, 0.19, 0.53
HSL	336°, 19%, 40%
HSV	336°, 31%, 47%
XYZ	13.1830, 11.1333, 13.0094
YIQ	96.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

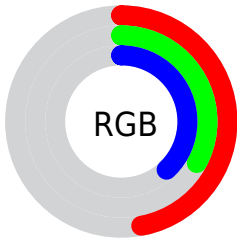
Format	Color
R_{YB}	121, 83, 98
Decimal	7951202
CIE Lab	39.80, 18.28, -2.29
CIE LCh	40, 18.427, 352.855
Yxy	11.1333, 0.3532, 0.2983
Android (android.graphics.Color)	4286141282 (0xFF795362)
YUV	96.0720, 0.9505, 21.8619
Hunter-Lab	33.3666, 12.1330, 0.2399

Details

The XYZ color **13.1830, 11.1333, 13.0094** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0066, 16.5546, 16.1463**, and the grayscale version is **11.1307, 11.7103, 12.7526**.

A 20% lighter version of the original color is **31.2679, 27.9437, 32.1794**, and **3.8799, 2.9107, 3.6061** is the 20% darker color. If you saturate the color by 10%, you get **12.0067, 9.3089, 10.9885**, and if you desaturate by 10%, it is **14.5532, 13.2946, 15.2514**.

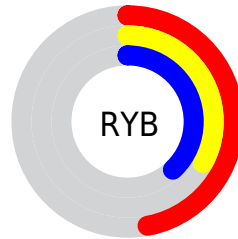
Distribution



Red (47%)

Green (33%)

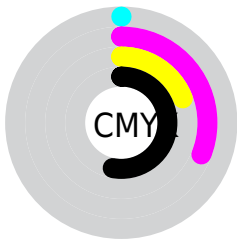
Blue (38%)



Red (47%)

Yellow (33%)

Blue (38%)

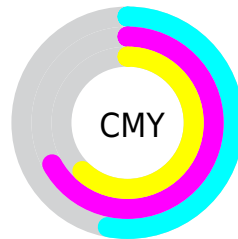


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (53%)



Cyan (53%)

Magenta (67%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1830, 11.1333, 13.0094 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 13.1830, 11.1333, 13.0094 by changing the saturation by 10% instead.

■ 13.1830, 11.1333,
13.0094

■ 13.1830, 11.1333,
13.0094

205.7012,
198.5798, 222.1878

■ 7.6325, 6.1566,
7.3042

■ 31.2307, 27.9064,
32.0121

■ 3.9106, 2.9405,
3.5718

■ 44.4586, 40.4716,
46.1467

■ 1.6517, 1.1008,
1.3935

■ 60.9765, 56.3350,
63.9282

■ 0.4257, 0.0000,
0.1366

■ 81.1495, 75.8810,
85.7751

■ 0.0000, 0.0000,
0.0000

■ 105.3432, 99.4942,
112.1060

133.9227,

127.5587, 143.3394

167.2536,
160.4592, 179.8938

■ 13.1830, 11.1333,
13.0094

■ 13.1830, 11.1333,
13.0094

■ 12.0067, 9.3089,
10.9885

■ 14.5532, 13.2946,
15.2514

■ 11.0140, 7.8027,
9.1807

■ 16.1250, 15.8071,
17.7205

■ 10.1954, 6.5965,
7.5785

■ 17.9067, 18.6863,
20.4238

■ 9.5396, 5.6698,
6.1738

■ 19.9059, 21.9462,
23.3672

■ 9.0344, 4.9992,
4.9575

■ 22.1299, 25.6000,
26.5570

■ 8.6653, 4.5577,
3.9199

■ 24.5856, 29.6603,
29.9989

■ 8.4137, 4.2764,
3.1522

■ 27.2795, 34.1393,
33.6985

■ 30.2179, 39.0486,
37.6612

■ 33.4070, 44.3992,
41.8922

Harmonies

Analogous

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



12.6412, 11.1333, 16.8331



13.1830, 11.1333, 13.0094



12.9848, 11.1333, 9.6134

Triad

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



13.1830, 11.1333, 13.0094



9.6651, 11.1333, 6.7702



9.1802, 11.1333, 18.5647

Complementary

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



13.1830, 11.1333, 13.0094



13.0066, 16.5546, 16.1463

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.



8.4953, 11.1333, 15.0336



13.1830, 11.1333, 13.0094



8.7593, 11.1333, 8.3842

Square

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



13.1830, 11.1333, 13.0094



10.8873, 11.1333, 6.4415



8.3476, 11.1333, 11.2764



10.2822, 11.1333, 20.4296

Rectangle

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



13.1830, 11.1333, 13.0094



12.4667, 11.1333, 7.9754



8.3476, 11.1333, 11.2764



8.8973, 11.1333, 17.5033

Sweetspot

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



13.1833, 11.1338, 13.0096



29.5378, 29.3722, 32.7507



12.4650, 10.6195, 19.4820



6.6699, 6.5808, 7.3596



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.1833, 11.1338, 13.0096



21.9864, 17.4173, 20.5294



12.8389, 11.4741, 9.7223



4.0577, 4.0388, 4.5017



9.0113, 4.5807, 3.3502



42.5910, 21.6927, 13.9083

Inverse Universe

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



13.1833, 11.1338, 13.0096



21.9864, 17.4173, 20.5294



13.4034, 15.9890, 20.4690



4.0577, 4.0388, 4.5017



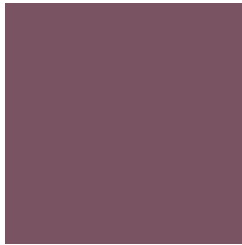
9.0113, 4.5807, 3.3502



42.5910, 21.6927, 13.9083

Previews

White Background



This preview shows how the XYZ color 13.1830, 11.1333, 13.0094 looks on a white background.

Color Contrast Check

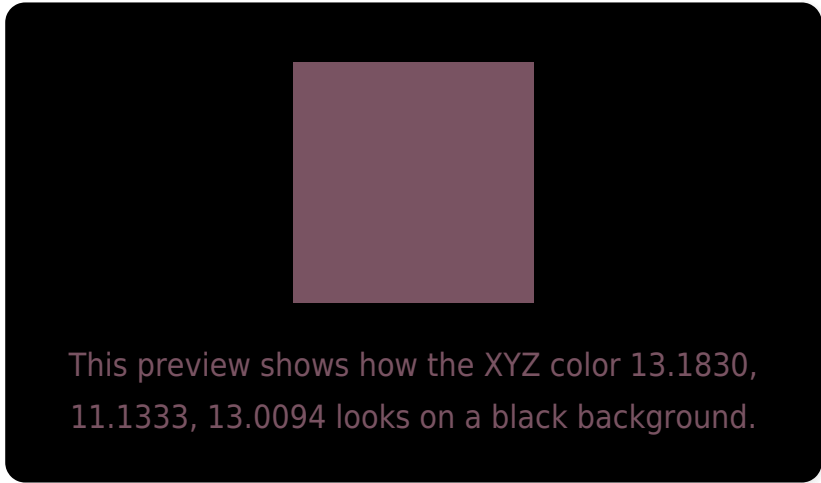
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1830, 11.1333, 13.0094

Background



This preview shows how black text looks on a background with the XYZ color 13.1830, 11.1333, 13.0094.



This preview shows how white text looks on a background with the XYZ color 13.1830, 11.1333,

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

13.1830, 11.1333, 13.0094

Protanopia

10.9272, 11.1553, 14.6740

Deuteranopia

11.3782, 11.1700, 12.8656



Tritanopia

12.8044, 11.0890, 11.3631

Trichromacy



Original Color

13.1830, 11.1333, 13.0094

Protanomaly

11.5642, 10.9876, 14.0817

Deuteranomaly

11.9541, 11.0937, 12.8205

Tritanomaly

12.9364, 11.1419, 12.0584

Monochromacy



Original Color

13.1830, 11.1333, 13.0094

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.7245, 11.3485, 12.8818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1830, 11.1333, 13.0094 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(121, 83, 98)` looks like.

```
.text, #text, p{  
    color:rgb(121, 83, 98)  
}
```

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(121, 83, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 83, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.1830, 11.1333, 13.0094 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(121, 83, 98) }
```


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

```
.border{ border-color:rgb(121, 83, 98) }
```

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

Here you see how a box with a 4 pixel rgb(121, 83, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 83, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 83, 98);  
box-shadow:4px 4px 4px 4px rgb(121, 83,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1830, 11.1333, 13.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 83, 98) }
```

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

```
.background{ background-color: rgb(121, 83,  
98) }
```

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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