

Converting Colors

XYZ(13.5873, 11.7748, 10.4012)

Have a look what the booklet for
XYZ(13.5873, 11.7748, 10.4012)
contains.

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Color

**XYZ(13.6117, 11.7631,
10.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5656
RGB	126, 86, 86
RGB Percent	49%, 34%, 34%
CMY	0.5059, 0.6627, 0.6627
CMYK	0.00, 0.32, 0.32, 0.51
HSL	0°, 19%, 42%
HSV	0°, 32%, 49%
XYZ	13.6117, 11.7631, 10.3572
YIQ	97.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

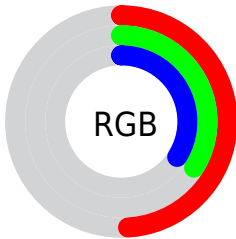
Format	Color
R_{YB}	126, 86, 86
Decimal	8279638
CIE _{Lab}	40.84, 16.61, 6.70
CIE _{LCh}	41, 17.906, 21.965
Yxy	11.7631, 0.3809, 0.3292
Android (android.graphics.Color)	4286469718 (0xFF7E5656)
YUV	97.9600, -5.8963, 24.5911
Hunter-Lab	34.2974, 10.8214, 6.1036

Details

The XYZ color **13.6117, 11.7631, 10.3572** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0642, 18.4059, 22.4974**, and the grayscale version is **11.6098, 12.2144, 13.3015**.

A 20% lighter version of the original color is **32.0705, 29.0892, 27.2170**, and **4.0607, 3.1735, 2.4964** is the 20% darker color. If you saturate the color by 10%, you get **12.2293, 9.7404, 7.6087**, and if you desaturate by 10%, it is **15.2616, 14.1774, 13.6367**.

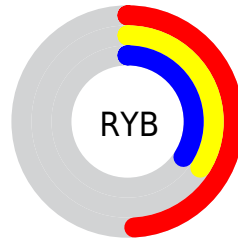
Distribution



Red (49%)

Green (34%)

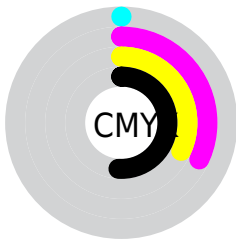
Blue (34%)



Red (49%)

Yellow (34%)

Blue (34%)

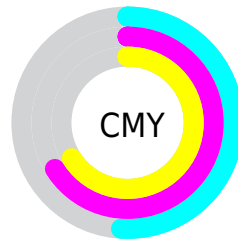


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (51%)



Cyan (51%)


Magenta (66%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6117, 11.7631, 10.3572 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 13.6117, 11.7631, 10.3572 by changing the saturation by 10% instead.


 13.6117, 11.7631,
10.3572


 13.6117, 11.7631,
10.3572


208.3610,
202.8306, 203.7794


 7.9310, 6.5826,
5.5277


 31.9905, 29.0629,
27.0835


 4.1023, 3.2025,
2.4960

 45.4193, 41.9510,
39.8174


 1.7601, 1.2383,
0.8380

 62.1615, 58.1770,
56.0232

 0.4935, 0.0927,
0.0000

 82.5824, 78.1254,
76.1194

 0.0000, 0.0000,
0.0000

 107.0475,
102.1806, 100.5246

135.9220,

130.7269, 129.6573

169.5714,
164.1488, 163.9360

■ 13.6117, 11.7631,
10.3572

■ 13.6117, 11.7631,
10.3572

■ 12.2293, 9.7404,
7.6087

■ 15.2616, 14.1774,
13.6367

■ 11.0995, 8.0871,
5.3627

■ 17.1910, 17.0007,
17.4724

■ 10.2073, 6.7815,
3.5890

■ 19.4124, 20.2513,
21.8885

■ 9.5356, 5.7987,
2.2539

■ 21.9373, 23.9458,
26.9080

■ 9.0654, 5.1106,
1.3193

■ 24.7764, 28.1002,
32.5521

■ 8.7742, 4.6844,
0.7404

■ 27.9400, 32.7295,
38.8415

■ 8.6043, 4.4358,
0.4027

■ 31.4380, 37.8480,
45.7956

■ 35.2798, 43.4694,
53.4330

■ 39.4742, 49.6070,
61.7718

Harmonies

Analogous

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



13.7879, 11.7631, 13.8147



13.6117, 11.7631, 10.3572



12.7600, 11.7631, 8.0356

Triad

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



13.6117, 11.7631, 10.3572



9.3585, 11.7631, 8.9508



10.8413, 11.7631, 21.0940

Complementary

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



13.6117, 11.7631, 10.3572



15.0642, 18.4059, 22.4974

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.



9.7370, 11.7631, 19.1722



13.6117, 11.7631, 10.3572



8.9244, 11.7631, 11.8515

Square

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



13.6117, 11.7631, 10.3572



10.2883, 11.7631, 7.3377



9.0575, 11.7631, 15.6178



12.1228, 11.7631, 20.4853

Rectangle

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



13.6117, 11.7631, 10.3572



11.9568, 11.7631, 7.2246



9.0575, 11.7631, 15.6178



10.4385, 11.7631, 20.7114

Sweetspot

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



13.6120, 11.7637, 10.3574



30.8175, 30.7410, 31.8638



15.6980, 12.5977, 21.3429



6.9134, 6.8514, 7.0562



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.



13.6120, 11.7637, 10.3574



22.1752, 18.0948, 14.6831



15.4380, 15.4157, 10.9661



4.3278, 4.3443, 4.5306



8.8272, 4.5507, 0.4131



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0642, 18.4059, 22.4974



25.1482, 31.6928, 39.5362



12.7578, 13.7930, 21.7286



4.4464, 4.8869, 5.5222



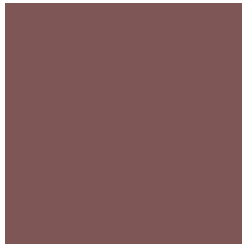
11.5164, 16.8513, 22.8956



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.6117, 11.7631, 10.3572 looks on a white background.

Color Contrast Check

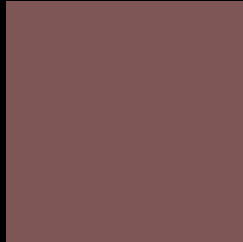
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6117, 11.7631, 10.3572 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 13.6117, 11.7631, 10.3572

Background



This preview shows how black text looks on a background with the XYZ color 13.6117, 11.7631, 10.3572.



This preview shows how white text looks on a background with the XYZ color 13.6117, 11.7631,

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

13.6117, 11.7631, 10.3572

Protanopia

11.3267, 11.8304, 11.5840

Deuteranopia

11.9845, 11.7996, 10.2402



Tritanopia

13.9327, 11.7817, 11.6650

Trichromacy



Original Color

13.6117, 11.7631, 10.3572

Protanomaly

11.9370, 11.6268, 11.0662

Deuteranomaly

12.4983, 11.6812, 10.1903

Tritanomaly

13.8464, 11.7472, 11.2105

Monochromacy



Original Color

13.6117, 11.7631, 10.3572

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2074, 12.0017, 12.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6117, 11.7631, 10.3572 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(126, 86, 86)` looks like.

```
.text, #text, p{  
    color:rgb(126, 86, 86)  
}
```

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(126, 86, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 86, 86) }
```

Border

The CSS property to change the border of an element to XYZ 13.6117, 11.7631, 10.3572 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(126, 86, 86) }
```


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

```
.border{ border-color:rgb(126, 86, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 86, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 86, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 86, 86);  
box-shadow:4px 4px 4px 4px rgb(126, 86,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6117, 11.7631, 10.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 86, 86) }
```

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

```
.background{ background-color: rgb(126, 86,  
86) }
```

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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