

Converting Colors

XYZ(11.8373, 11.8145, 13.2557)

Have a look what the booklet for
XYZ(11.8373, 11.8145, 13.2557)
contains.

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Color

**XYZ(11.8008, 11.7708,
13.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	675E62
RGB	103, 94, 98
RGB Percent	40%, 37%, 38%
CMY	0.5961, 0.6314, 0.6157
CMYK	0.00, 0.09, 0.05, 0.60
HSL	333°, 5%, 39%
HSV	333°, 9%, 40%
XYZ	11.8008, 11.7708, 13.2053
YIQ	97.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

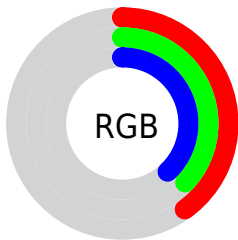
Format	Color
R_{YB}	103, 94, 98
Decimal	6774370
CIE Lab	40.85, 4.40, -0.98
CIE LCh	41, 4.504, 347.414
Yxy	11.7708, 0.3209, 0.3201
Android (android.graphics.Color)	4284964450 (0xFF675E62)
YUV	97.1470, 0.4205, 5.1331
Hunter-Lab	34.3086, 1.3569, 1.1954

Details

The XYZ color **11.8008, 11.7708, 13.2053** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7189, 12.9813, 13.6929**, and the grayscale version is **11.3970, 11.9905, 13.0577**.

A 20% lighter version of the original color is **28.7245, 28.9865, 32.5148**, and **3.3077, 3.2026, 3.6926** is the 20% darker color. If you saturate the color by 10%, you get **10.6848, 9.9557, 11.5474**, and if you desaturate by 10%, it is **13.0591, 13.8391, 15.0062**.

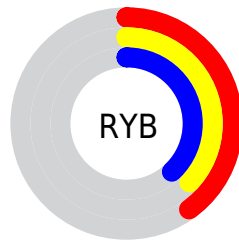
Distribution



Red (40%)

Green (37%)

Blue (38%)



Red (40%)

Yellow (37%)

Blue (38%)

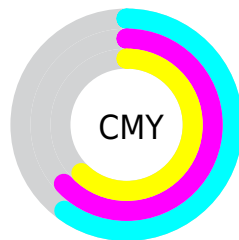


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8008, 11.7708, 13.2053 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 11.8008, 11.7708, 13.2053 by changing the saturation by 10% instead.

■ 11.8008, 11.7708,
13.2053

■ 11.8008, 11.7708,
13.2053

196.8790,
202.8820, 223.4831

■ 6.6794, 6.5878,
7.4377

■ 28.7518, 29.0770,
32.3687

■ 3.3070, 3.2057,
3.6547

■ 41.3121, 41.9689,
46.6016

■ 1.3181, 1.2400,
1.4379

■ 57.0828, 58.1994,
64.4933

■ 0.1967, 0.0940,
0.1710

■ 76.4292, 78.1526,
86.4623

■ 0.0000, 0.0000,
0.0000

99.7167, 102.2131,
112.9273

127.3105,

130.7652, 144.3067

159.5762,
164.1934, 181.0191

■ 11.8008, 11.7708,
13.2053

■ 11.8008, 11.7708,
13.2053

■ 10.6848, 9.9557,
11.5474

■ 13.0591, 13.8391,
15.0062

■ 9.7048, 8.3826,
10.0281

■ 14.4635, 16.1684,
16.9531

■ 8.8556, 7.0415,
8.6438

■ 16.0192, 18.7679,
19.0494

■ 8.1314, 5.9213,
7.3903

■ 17.7305, 21.6460,
21.2986

■ 7.5256, 5.0098,
6.2633

■ 19.6018, 24.8107,
23.7039

■ 7.0313, 4.2939,
5.2583

■ 21.6372, 28.2697,
26.2683

■ 6.6407, 3.7585,
4.3702

■ 23.8405, 32.0303,
28.9949

■ 6.3449, 3.3869,
3.5935

■ 26.2158, 36.0996,
31.8865

■ 6.1106, 3.1130,
2.9146

■ 28.7666, 40.4846,
34.9459

Harmonies

Analogous

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



11.6482, 11.7708, 14.0497



11.8008, 11.7708, 13.2053



11.7869, 11.7708, 12.2948

Triad

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



11.8008, 11.7708, 13.2053



11.0042, 11.7708, 11.2033



10.7755, 11.7708, 14.1618

Complementary

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



11.8008, 11.7708, 13.2053



11.7189, 12.9813, 13.6929

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.



10.6094, 11.7708, 13.3525



11.8008, 11.7708, 13.2053



10.7397, 11.7708, 11.6575

Square

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



11.8008, 11.7708, 13.2053



11.3228, 11.7708, 11.1681



10.5964, 11.7708, 12.4352



11.0539, 11.7708, 14.6194

Rectangle

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



11.8008, 11.7708, 13.2053



11.6850, 11.7708, 11.7726



10.5964, 11.7708, 12.4352



10.7049, 11.7708, 13.9202

Sweetspot

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



11.8011, 11.7713, 13.2056



22.3715, 23.1122, 25.4350



11.5914, 11.6351, 14.4669



5.4202, 5.5765, 6.1513



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.8011, 11.7713, 13.2056



20.8033, 20.5420, 23.1667



11.6571, 11.7779, 12.2493



2.8753, 2.8648, 3.2157



7.6347, 3.8668, 3.4746



39.3916, 19.9966, 15.8713

Inverse Universe

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



11.8011, 11.7713, 13.2056



20.8033, 20.5420, 23.1667



11.8702, 12.9704, 14.7100



2.8753, 2.8648, 3.2157



7.6347, 3.8668, 3.4746



39.3916, 19.9966, 15.8713

Previews

White Background



This preview shows how the XYZ color 11.8008, 11.7708, 13.2053 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 11.8008, 11.7708, 13.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

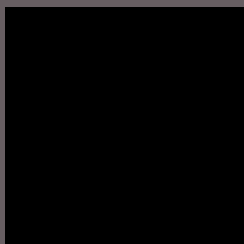
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8008, 11.7708, 13.2053

Background



This preview shows how black text looks on a background with the XYZ color 11.8008, 11.7708, 13.2053.

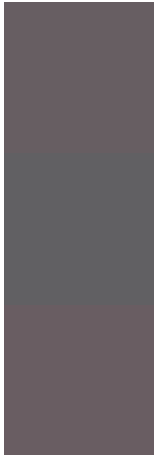


This preview shows how white text looks on a background with the XYZ color 11.8008, 11.7708,

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

11.8008, 11.7708, 13.2053

Protanopia

11.3648, 11.8080, 13.4846

Deuteranopia

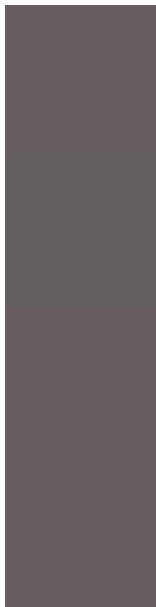
11.9447, 11.7138, 13.1867



Tritanopia

11.9452, 11.8286, 13.9655

Trichromacy



Original Color

11.8008, 11.7708, 13.2053

Protanomaly

11.4899, 11.7379, 13.4644

Deuteranomaly

11.8279, 11.6536, 13.1812

Tritanomaly

11.8965, 11.8091, 13.7090

Monochromacy



Original Color

11.8008, 11.7708, 13.2053

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4861, 11.8815, 12.9972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8008, 11.7708, 13.2053 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(103, 94, 98)` looks like.

```
.text, #text, p{  
    color:rgb(103, 94, 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(103, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 94, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.8008, 11.7708, 13.2053 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(103, 94, 98) }
```


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

```
.border{ border-color:rgb(103, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 94, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 94, 98);  
box-shadow:4px 4px 4px 4px rgb(103, 94,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8008, 11.7708, 13.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 94, 98) }
```

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

```
.background{ background-color: rgb(103, 94,  
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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