

Converting Colors

XYZ(15.6995, 16.1308, 13.0022)

Have a look what the booklet for
XYZ(15.6995, 16.1308, 13.0022)
contains.

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Color

**XYZ(15.6675, 16.1157,
13.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6E5F
RGB	122, 110, 95
RGB Percent	48%, 43%, 37%
CMY	0.5216, 0.5686, 0.6274
CMYK	0.00, 0.10, 0.22, 0.52
HSL	33°, 12%, 43%
HSV	33°, 22%, 48%
XYZ	15.6675, 16.1157, 13.1113
YIQ	111.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

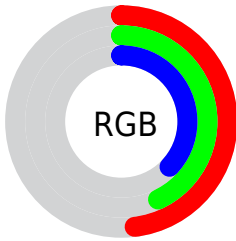
Format	Color
R_{YB}	117, 122, 95
Decimal	8023647
CIE Lab	47.13, 2.06, 10.08
CIE LCh	47, 10.283, 78.462
Yxy	16.1157, 0.3490, 0.3590
Android (android.graphics.Color)	4286213727 (0xFF7A6E5F)
YUV	111.8780, -8.3209, 8.8770
Hunter-Lab	40.1444, -0.5878, 8.7367

Details

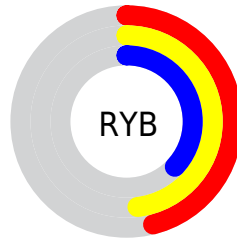
The XYZ color **15.6675, 16.1157, 13.1113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4896, 14.3529, 20.4717**, and the grayscale version is **15.3869, 16.1882, 17.6289**.

A 20% lighter version of the original color is **35.7104, 36.9990, 32.0474**, and **5.0795, 5.1932, 3.6404** is the 20% darker color. If you saturate the color by 10%, you get **14.5889, 14.7774, 10.2267**, and if you desaturate by 10%, it is **16.8697, 17.5618, 16.4660**.

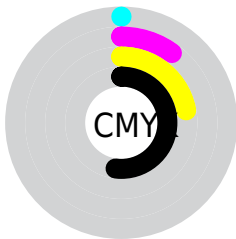
Distribution



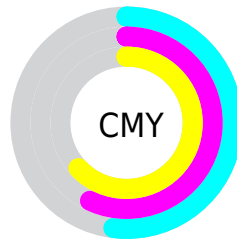
- Red (48%)
- Green (43%)
- Blue (37%)



- Red (46%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6675, 16.1157, 13.1113 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 15.6675, 16.1157, 13.1113 by changing the saturation by 10% instead.

■ 15.6675, 16.1157,
13.1113

■ 15.6675, 16.1157,
13.1113

220.6808,
230.0235, 222.8626

■ 9.3785, 9.6061,
7.3736

■ 35.5821, 36.7989,
32.1977

■ 5.0480, 5.1386,
3.6149

■ 49.9385, 51.7413,
46.3835

■ 2.3105, 2.3288,
1.4165

■ 67.7147, 70.2635,
64.2224

■ 0.8000, 0.7889,
0.1546

■ 89.2761, 92.7497,
86.1330

■ 0.0000, 0.0000,
0.0000

114.9881,
119.5844, 112.5337

145.2159,

151.1520, 143.8432

180.3251,
187.8369, 180.4800

■ 15.6675, 16.1157,
13.1113

■ 15.6675, 16.1157,
13.1113

■ 14.5889, 14.7774,
10.2267

■ 16.8697, 17.5618,
16.4660

■ 13.6278, 13.5418,
7.7898

■ 18.1985, 19.1162,
20.3098

■ 12.7797, 12.4066,
5.7778

■ 19.6585, 20.7824,
24.6621

■ 12.0392, 11.3686,
4.1654

■ 21.2537, 22.5627,
29.5406

■ 11.4004, 10.4243,
2.9246

■ 22.9878, 24.4597,
34.9624

■ 10.8564, 9.5698,
2.0240

■ 24.8644, 26.4757,
40.9437

■ 10.3998, 8.8009,
1.4263

■ 26.8870, 28.6130,
47.5001

■ 10.0806, 8.2467,
1.0605

■ 29.0590, 30.8736,
54.6465

■ 31.3835, 33.2599,
62.3972

Harmonies

Analogous

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



16.4982, 16.1157, 14.0815



15.6675, 16.1157, 13.1113



14.7741, 16.1157, 13.2397

Triad

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



15.6675, 16.1157, 13.1113



13.7285, 16.1157, 19.1698



16.6545, 16.1157, 21.0564

Complementary

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



15.6675, 16.1157, 13.1113



13.4896, 14.3529, 20.4717

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.



15.8740, 16.1157, 22.7004



15.6675, 16.1157, 13.1113



14.1945, 16.1157, 21.5396

Square

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



15.6675, 16.1157, 13.1113



13.6782, 16.1157, 16.5711



14.9727, 16.1157, 22.8855



17.0828, 16.1157, 18.5610

Rectangle

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



15.6675, 16.1157, 13.1113



14.2625, 16.1157, 13.9338



14.9727, 16.1157, 22.8855



16.4233, 16.1157, 21.7370

Sweetspot

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



15.6679, 16.1164, 13.1116



30.8104, 32.2292, 32.2143



14.7801, 13.3868, 15.7564



7.0232, 7.3439, 7.3031



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.



15.6679, 16.1164, 13.1116



26.4905, 27.0304, 20.1657



16.8613, 18.7850, 13.5638



4.1657, 4.3499, 4.2445



10.6049, 8.6658, 1.1137



49.7272, 39.6178, 5.0261

Inverse Universe

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



13.4896, 14.3529, 20.4717



21.8825, 23.3004, 35.7370



12.4660, 12.0955, 20.0900



3.9306, 4.1595, 5.0389



5.0894, 4.2613, 19.9396



23.4550, 18.6827, 94.8397

Previews

White Background



This preview shows how the XYZ color 15.6675, 16.1157, 13.1113 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 15.6675, 16.1157, 13.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

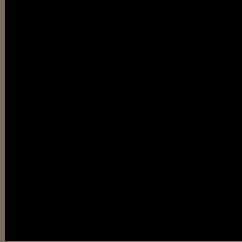
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6675, 16.1157, 13.1113

Background



This preview shows how black text looks on a background with the XYZ color 15.6675, 16.1157, 13.1113.



This preview shows how white text looks on a background with the XYZ color 15.6675, 16.1157,

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

15.6675, 16.1157, 13.1113

Protanopia

15.2416, 16.2148, 13.3928

Deuteranopia

16.3302, 16.1405, 13.0812



Tritanopia

16.8097, 16.1132, 18.4438

Trichromacy



Original Color

15.6675, 16.1157, 13.1113

Protanomaly

15.4035, 16.1353, 13.3689

Deuteranomaly

16.1384, 16.1991, 13.1026

Tritanomaly

16.3815, 16.0929, 16.4302

Monochromacy



Original Color

15.6675, 16.1157, 13.1113

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4884, 16.1225, 15.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6675, 16.1157, 13.1113 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(122, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 95)  
}
```

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(122, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.6675, 16.1157, 13.1113 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(122, 110, 95) }
```


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

```
.border{ border-color:rgb(122, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6675, 16.1157, 13.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 95) }
```

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

```
.background{ background-color: rgb(122,  
110, 95) }
```

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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