

Converting Colors

XYZ(14.7754, 15.6038, 10.3554)

Have a look what the booklet for
XYZ(14.7754, 15.6038, 10.3554)
contains.

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Color

**XYZ(14.7757, 15.5549,
10.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	786D53
RGB	120, 109, 83
RGB Percent	47%, 43%, 33%
CMY	0.5294, 0.5725, 0.6745
CMYK	0.00, 0.09, 0.31, 0.53
HSL	42°, 18%, 40%
HSV	42°, 31%, 47%
XYZ	14.7757, 15.5549, 10.4072
YIQ	109.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

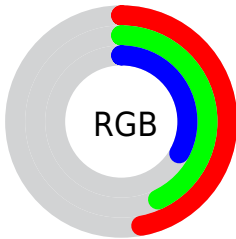
Format	Color
RYB	99, 120, 83
Decimal	7892307
CIELab	46.39, -0.05, 16.12
CIElCh	46, 16.117, 90.189
Yxy	15.5549, 0.3627, 0.3818
Android (android.graphics.Color)	4286082387 (0xFF786D53)
YUV	109.3250, -12.9782, 9.3620
Hunter-Lab	39.4397, -2.1462, 11.9626

Details

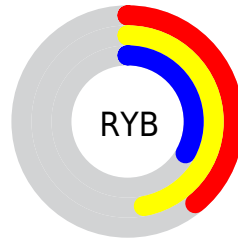
The XYZ color **14.7757, 15.5549, 10.4072** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9600, 11.2001, 19.3535**, and the grayscale version is **14.6613, 15.4248, 16.7976**.

A 20% lighter version of the original color is **34.0380, 35.7193, 27.2908**, and **4.6710, 4.9248, 2.5381** is the 20% darker color. If you saturate the color by 10%, you get **13.9793, 14.6404, 8.0505**, and if you desaturate by 10%, it is **15.6686, 16.5338, 13.1922**.

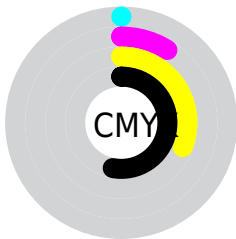
Distribution



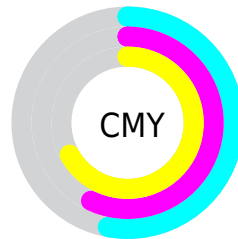
- Red (47%)
- Green (43%)
- Blue (33%)



- Red (39%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7757, 15.5549, 10.4072 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 14.7757, 15.5549, 10.4072 by changing the saturation by 10% instead.

■ 14.7757, 15.5549,
10.4072

■ 14.7757, 15.5549,
10.4072

215.4200,
226.7008, 204.1434

■ 8.7474, 9.2097,
5.5607

■ 34.0341, 35.8237,
27.1783

■ 4.6326, 4.8782,
2.5154

■ 47.9949, 50.5162,
39.9400

■ 2.0659, 2.1760,
0.8483

■ 65.3306, 68.7599,
56.1771

■ 0.6706, 0.7069,
0.0000

■ 86.4066, 90.9393,
76.3082

■ 0.0000, 0.0000,
0.0000

■ 111.5881,
117.4386, 100.7519

141.2407,

148.6424, 129.9266

175.7295,
184.9350, 164.2509

■ 14.7757, 15.5549,
10.4072

■ 14.7757, 15.5549,
10.4072

■ 13.9793, 14.6404,
8.0505

■ 15.6686, 16.5338,
13.1922

■ 13.2738, 13.7861,
6.0992

■ 16.6608, 17.5769,
16.4247

■ 12.6550, 12.9906,
4.5299

■ 17.7564, 18.6866,
20.1240

■ 12.1177, 12.2515,
3.3163

■ 18.9590, 19.8647,
24.3081

■ 11.6561, 11.5663,
2.4288

■ 20.2720, 21.1128,
28.9937

■ 11.2634, 10.9318,
1.8330

■ 21.6985, 22.4323,
34.1970

■ 10.9421, 10.3857,
1.4279

■ 23.2418, 23.8249,
39.9333

■ 24.9046, 25.2919,
46.2175

■ 26.6898, 26.8348,
53.0636

Harmonies

Analogous

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



16.1458, 15.5549, 11.1525



14.7757, 15.5549, 10.4072



13.4876, 15.5549, 11.1715

Triad

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



14.7757, 15.5549, 10.4072



12.6037, 15.5549, 21.0607



17.2130, 15.5549, 21.0104

Complementary

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



14.7757, 15.5549, 10.4072



10.9600, 11.2001, 19.3535

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.



16.1619, 15.5549, 24.4064



14.7757, 15.5549, 10.4072



13.5019, 15.5549, 24.4385

Square

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



14.7757, 15.5549, 10.4072



12.2823, 15.5549, 16.9618



14.7932, 15.5549, 25.7476



17.6053, 15.5549, 16.9115

Rectangle

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



14.7757, 15.5549, 10.4072



12.8350, 15.5549, 12.5149



14.7932, 15.5549, 25.7476



16.9219, 15.5549, 22.2937

Sweetspot

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



14.7761, 15.5556, 10.4075



29.6015, 31.2213, 29.8807



12.8640, 10.9897, 12.0566



6.9620, 7.3444, 6.9039



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.



14.7761, 15.5556, 10.4075



24.9802, 26.2096, 15.2968



15.0366, 17.5418, 10.7772



4.2119, 4.4423, 4.2599



11.9245, 11.3050, 1.5536



56.1129, 52.3892, 7.1547

Inverse Universe

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



10.9600, 11.2001, 19.3535



17.1417, 17.2664, 33.6823



10.7390, 9.7365, 19.0827



3.8858, 4.0698, 5.0239



4.3643, 2.8111, 19.6979



20.1604, 12.0934, 93.7415

Previews

White Background



This preview shows how the XYZ color 14.7757, 15.5549, 10.4072 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 14.7757, 15.5549, 10.4072 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

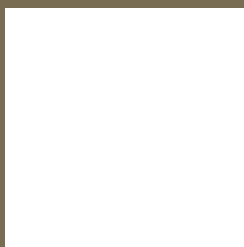
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7757, 15.5549, 10.4072

Background



This preview shows how black text looks on a background with the XYZ color 14.7757, 15.5549, 10.4072.



This preview shows how white text looks on a background with the XYZ color 14.7757, 15.5549,

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

14.7757, 15.5549, 10.4072

Protanopia

14.6085, 15.6279, 10.4302

Deuteranopia

15.7051, 15.4104, 10.5343



Tritanopia

16.3444, 15.5805, 17.7687

Trichromacy



Original Color

14.7757, 15.5549, 10.4072

Protanomaly

14.7450, 15.6983, 10.4365

Deuteranomaly

15.3585, 15.3838, 10.5474

Tritanomaly

15.7207, 15.4783, 14.7294

Monochromacy



Original Color

14.7757, 15.5549, 10.4072

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5789, 15.3681, 14.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7757, 15.5549, 10.4072 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(120, 109, 83)` looks like.

```
.text, #text, p{  
    color:rgb(120, 109, 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(120, 109, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 109, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.7757, 15.5549, 10.4072 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(120, 109, 83) }
```


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

```
.border{ border-color:rgb(120, 109, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 109, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 109, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 109, 83);  
box-shadow:4px 4px 4px 4px rgb(120, 109,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7757, 15.5549, 10.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 109, 83) }
```

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

```
.background{ background-color: rgb(120,  
109, 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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