

Converting Colors

XYZ(15.7013, 15.7292, 10.6268)

Have a look what the booklet for
XYZ(15.7013, 15.7292, 10.6268)
contains.

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Color

**XYZ(15.7600, 15.7447,
10.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	806B54
RGB	128, 107, 84
RGB Percent	50%, 42%, 33%
CMY	0.4980, 0.5804, 0.6706
CMYK	0.00, 0.16, 0.34, 0.50
HSL	31°, 21%, 42%
HSV	31°, 34%, 50%
XYZ	15.7600, 15.7447, 10.5959
YIQ	110.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

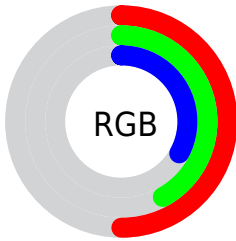
Format	Color
RYB	124, 128, 84
Decimal	8416084
CIELab	46.64, 4.70, 16.00
CIELCh	47, 16.679, 73.634
Yxy	15.7447, 0.3743, 0.3740
Android (android.graphics.Color)	4286606164 (0xFF806B54)
YUV	110.6570, -13.1419, 15.2098
Hunter-Lab	39.6796, 1.4576, 11.9431

Details

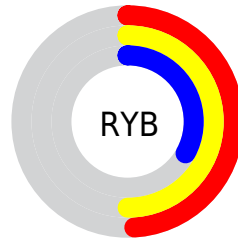
The XYZ color **15.7600, 15.7447, 10.5959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6038, 13.5460, 22.3724**, and the grayscale version is **15.0432, 15.8267, 17.2352**.

A 20% lighter version of the original color is **35.8213, 36.1200, 27.6381**, and **5.1240, 4.9979, 2.6141** is the 20% darker color. If you saturate the color by 10%, you get **14.6894, 14.3338, 7.9876**, and if you desaturate by 10%, it is **16.9681, 17.2837, 13.7025**.

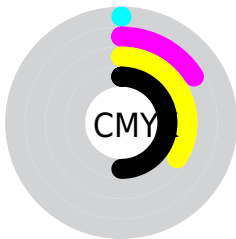
Distribution



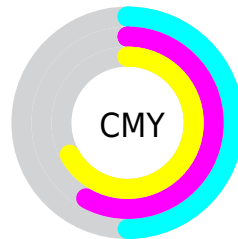
- Red (50%)
- Green (42%)
- Blue (33%)



- Red (49%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7600, 15.7447, 10.5959 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 15.7600, 15.7447, 10.5959 by changing the saturation by 10% instead.

■ 15.7600, 15.7447,
10.5959

■ 15.7600, 15.7447,
10.5959

221.2197,
227.8305, 205.5107

■ 9.4443, 9.3437,
5.6851

■ 35.7419, 36.1544,
27.5356

■ 5.0915, 4.9660,
2.5889

■ 50.1387, 50.9319,
40.4015

■ 2.3364, 2.2273,
0.8867

■ 67.9599, 69.2703,
56.7563

■ 0.8132, 0.7348,
0.0000

■ 89.5709, 91.5541,
77.0183

■ 0.0000, 0.0000,
0.0000

■ 115.3371,
118.1676, 101.6063

145.6237,

149.4953, 130.9386

180.7961,
185.9214, 165.4339

■ 15.7600, 15.7447,
10.5959

■ 15.7600, 15.7447,
10.5959

■ 14.6894, 14.3338,
7.9876

■ 16.9681, 17.2837,
13.7025

■ 13.7491, 13.0449,
5.8500

■ 18.3179, 18.9524,
17.3309

■ 12.9331, 11.8748,
4.1541

■ 19.8150, 20.7547,
21.5046

■ 12.2343, 10.8189,
2.8677

■ 21.4644, 22.6941,
26.2450

■ 11.6448, 9.8726,
1.9537

■ 23.2707, 24.7738,
31.5727

■ 11.1539, 9.0298,
1.3618

■ 25.2382, 26.9968,
37.5069

■ 10.9044, 8.5938,
1.0840

■ 27.3714, 29.3660,
44.0663

■ 29.6741, 31.8844,
51.2684

■ 32.1505, 34.5546,
59.1304

Harmonies

Analogous

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



17.0632, 15.7447, 12.2258



15.7600, 15.7447, 10.5959



14.3206, 15.7447, 10.5249

Triad

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



15.7600, 15.7447, 10.5959



12.4282, 15.7447, 19.0845



16.9614, 15.7447, 23.5584

Complementary

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



15.7600, 15.7447, 10.5959



12.6038, 13.5460, 22.3724

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.



15.6282, 15.7447, 26.0786



15.7600, 15.7447, 10.5959



13.0460, 15.7447, 23.2290

Square

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



15.7600, 15.7447, 10.5959



12.4585, 15.7447, 15.0013



14.1969, 15.7447, 25.9492



17.7867, 15.7447, 19.4801

Rectangle

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



15.7600, 15.7447, 10.5959



13.4807, 15.7447, 11.3441



14.1969, 15.7447, 25.9492



16.5542, 15.7447, 24.6431

Sweetspot

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



15.7604, 15.7454, 10.5962



33.3120, 34.6548, 33.4404



14.6360, 11.9554, 14.9729



7.7273, 8.0267, 7.6298



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.7604, 15.7454, 10.5962



26.2998, 25.8209, 15.1018



18.1116, 20.6109, 11.4114



4.4992, 4.6872, 4.5877



10.8139, 8.5242, 1.0754



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.6038, 13.5460, 22.3724



19.8868, 21.3535, 39.0298



10.7889, 9.8182, 21.7485



4.2649, 4.5238, 5.4617



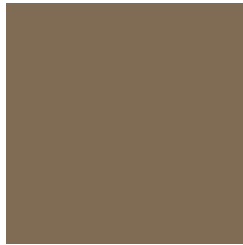
5.5238, 4.8661, 20.8981



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7600, 15.7447, 10.5959 looks on a white background.

Color Contrast Check

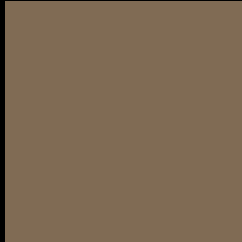
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7600, 15.7447, 10.5959 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 15.7600, 15.7447, 10.5959

Background



This preview shows how black text looks on a background with the XYZ color 15.7600, 15.7447, 10.5959.



This preview shows how white text looks on a background with the XYZ color 15.7600, 15.7447,

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

15.7600, 15.7447, 10.5959

Protanopia

14.8354, 15.8923, 11.0897

Deuteranopia

15.9602, 15.6940, 10.5756



Tritanopia

17.0796, 15.6735, 17.1640

Trichromacy



Original Color

15.7600, 15.7447, 10.5959

Protanomaly

15.2417, 15.9453, 10.8688

Deuteranomaly

15.8075, 15.6153, 10.5684

Tritanomaly

16.5052, 15.5860, 14.4504

Monochromacy



Original Color

15.7600, 15.7447, 10.5959

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2610, 15.8734, 14.5714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7600, 15.7447, 10.5959 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(128, 107, 84)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 84)  
}
```

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(128, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.7600, 15.7447, 10.5959 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(128, 107, 84) }
```


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

```
.border{ border-color:rgb(128, 107, 84) }
```

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

Here you see how a box with a 4 pixel rgb(128, 107, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(128, 107,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7600, 15.7447, 10.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 84) }
```

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

```
.background{ background-color: rgb(128,  
107, 84) }
```

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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