

Converting Colors

XYZ(15.5706, 15.4584, 14.6137)

Have a look what the booklet for
XYZ(15.5706, 15.4584, 14.6137)
contains.

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Color

**XYZ(15.5783, 15.4050,
14.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6A66
RGB	122, 106, 102
RGB Percent	48%, 42%, 40%
CMY	0.5216, 0.5843, 0.6000
CMYK	0.00, 0.13, 0.16, 0.52
HSL	12°, 9%, 44%
HSV	12°, 16%, 48%
XYZ	15.5783, 15.4050, 14.7228
YIQ	110.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

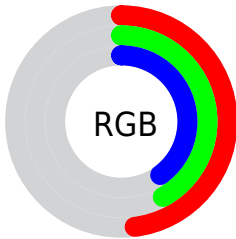
Format	Color
R_{YB}	122, 107, 102
Decimal	8022630
CIE Lab	46.18, 5.60, 4.56
CIE LCh	46, 7.219, 39.179
Yxy	15.4050, 0.3408, 0.3370
Android (android.graphics.Color)	4286212710 (0xFF7A6A66)
YUV	110.3280, -4.1057, 10.2363
Hunter-Lab	39.2492, 2.1619, 5.2341

Details

The XYZ color **15.5783, 15.4050, 14.7228** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4705, 17.1861, 20.9141**, and the grayscale version is **14.9249, 15.7021, 17.0996**.

A 20% lighter version of the original color is **35.4859, 35.5278, 35.1242**, and **5.0012, 4.8202, 4.2812** is the 20% darker color. If you saturate the color by 10%, you get **14.0683, 13.2829, 11.4509**, and if you desaturate by 10%, it is **17.2927, 17.7930, 18.5026**.

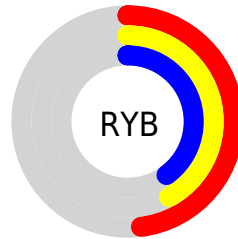
Distribution



Red (48%)

Green (42%)

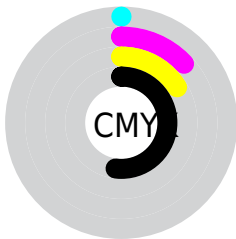
Blue (40%)



Red (48%)

Yellow (42%)

Blue (40%)

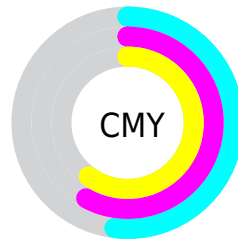


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5783, 15.4050, 14.7228 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 15.5783, 15.4050, 14.7228 by changing the saturation by 10% instead.

■ 15.5783, 15.4050,
14.7228

■ 15.5783, 15.4050,
14.7228

220.1600,
225.8047, 233.2649

■ 9.3152, 9.1041,
8.4806

■ 35.4279, 35.5621,
35.1015

■ 5.0061, 4.8092,
4.3118

■ 49.7452, 50.1871,
50.0752

■ 2.2856, 2.1357,
1.7979

■ 67.4778, 68.3557,
68.7964

■ 0.7873, 0.6846,
0.4266

■ 88.9913, 90.4521,
91.6837

■ 0.0000, 0.0000,
0.0000

114.6509,
116.8608, 119.1557

144.8219,

147.9662, 151.6309

179.8699,
184.1527, 189.5277

■ 15.5783, 15.4050,
14.7228

■ 15.5783, 15.4050,
14.7228

■ 14.0683, 13.2829,
11.4509

■ 17.2927, 17.7930,
18.5026

■ 12.7537, 11.4155,
8.6642

■ 19.2174, 20.4535,
22.8096

■ 11.6267, 9.7938,
6.3397

■ 21.3599, 23.3957,
27.6635

■ 10.6787, 8.4073,
4.4524

■ 23.7267, 26.6274,
33.0825

■ 9.8999, 7.2450,
2.9746

■ 26.3241, 30.1563,
39.0840

■ 9.2801, 6.2948,
1.8755

■ 29.1582, 33.9898,
45.6848

■ 8.8075, 5.5437,
1.1199

■ 32.2348, 38.1350,
52.9008

■ 8.4639, 4.9748,
0.6405

■ 35.5596, 42.5988,
60.7474

■ 8.3613, 4.8082,
0.4874

■ 39.1379, 47.3878,
69.2396

Harmonies

Analogous

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



15.8412, 15.4050, 16.2387



15.5783, 15.4050, 14.7228



15.0665, 15.4050, 13.8018

Triad

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



15.5783, 15.4050, 14.7228



13.5638, 15.4050, 15.5978



14.8315, 15.4050, 20.3453

Complementary

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



15.5783, 15.4050, 14.7228



15.4705, 17.1861, 20.9141

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.



14.2255, 15.4050, 20.1437



15.5783, 15.4050, 14.7228



13.5049, 15.4050, 17.3197

Square

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



15.5783, 15.4050, 14.7228



13.9073, 15.4050, 14.2818



13.7440, 15.4050, 19.0061



15.4021, 15.4050, 19.5392

Rectangle

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



15.5783, 15.4050, 14.7228



14.6589, 15.4050, 13.6087



13.7440, 15.4050, 19.0061



14.6250, 15.4050, 20.3943

Sweetspot

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



15.5787, 15.4057, 14.7231



30.8331, 31.8717, 33.4633



16.0475, 14.9485, 19.1791



7.0085, 7.2300, 7.5591



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

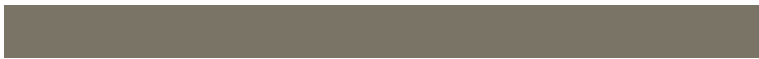
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5787, 15.4057, 14.7231



26.2785, 25.5207, 23.4424



16.6697, 17.5877, 15.0868



4.0573, 4.1331, 4.2084



8.7980, 5.0518, 0.5114



41.4713, 23.1060, 2.2741

Inverse Universe

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



15.4705, 17.1861, 20.9141



26.0465, 29.3266, 36.6807



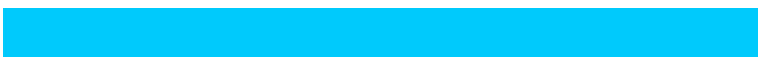
14.3551, 14.9552, 20.5423



4.0422, 4.3827, 5.0761



8.2501, 10.5826, 20.9931



38.7447, 49.2620, 99.9363

Previews

White Background



This preview shows how the XYZ color 15.5783, 15.4050, 14.7228 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 15.5783, 15.4050, 14.7228 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 15.5783, 15.4050, 14.7228

Background



This preview shows how black text looks on a background with the XYZ color 15.5783, 15.4050, 14.7228.

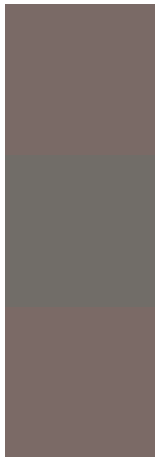


This preview shows how white text looks on a background with the XYZ color 15.5783, 15.4050,

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

15.5783, 15.4050, 14.7228

Protanopia

14.7774, 15.4475, 15.2995

Deuteranopia

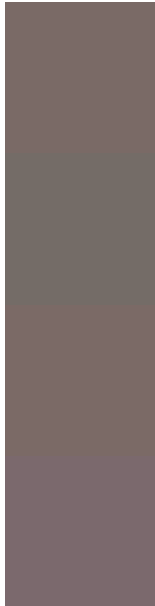
15.7207, 15.4783, 14.7294



Tritanopia

16.0993, 15.3038, 17.7282

Trichromacy



Original Color

15.5783, 15.4050, 14.7228

Protanomaly

15.0132, 15.4174, 15.0165

Deuteranomaly

15.7207, 15.4783, 14.7294

Tritanomaly

15.9803, 15.4182, 16.6018

Monochromacy



Original Color

15.5783, 15.4050, 14.7228

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0619, 15.5762, 16.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5783, 15.4050, 14.7228 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, 106, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 106, 102)  
}
```

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, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 106, 102) }
```

Border

The CSS property to change the border of an element to XYZ 15.5783, 15.4050, 14.7228 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, 106, 102) }
```


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

```
.border{ border-color:rgb(122, 106, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 106, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 106,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5783, 15.4050, 14.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 106, 102) }
```

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

```
.background{ background-color: rgb(122,  
106, 102) }
```

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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