

Converting Colors

XYZ(15.1141, 14.9608, 10.2724)

Have a look what the booklet for
XYZ(15.1141, 14.9608, 10.2724)
contains.

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Color

**XYZ(15.1158, 14.9608,
10.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6853
RGB	126, 104, 83
RGB Percent	49%, 41%, 33%
CMY	0.5059, 0.5921, 0.6745
CMYK	0.00, 0.17, 0.34, 0.51
HSL	29°, 21%, 41%
HSV	29°, 34%, 49%
XYZ	15.1158, 14.9608, 10.2746
YIQ	108.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

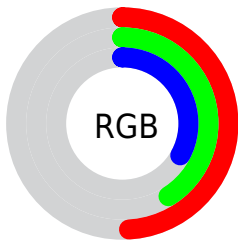
Format	Color
R_{YB}	126, 124, 83
Decimal	8284243
CIE Lab	45.58, 5.46, 15.12
CIE LCh	46, 16.076, 70.138
Yxy	14.9608, 0.3746, 0.3708
Android (android.graphics.Color)	4286474323 (0xFF7E6853)
YUV	108.1840, -12.4157, 15.6246
Hunter-Lab	38.6792, 2.0691, 11.3259

Details

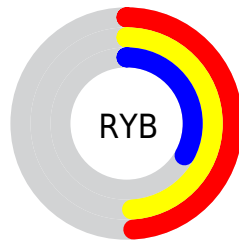
The XYZ color **15.1158, 14.9608, 10.2746** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3845, 13.4479, 21.6816**, and the grayscale version is **14.3357, 15.0823, 16.4246**.

A 20% lighter version of the original color is **34.5454, 34.7199, 27.0712**, and **4.7935, 4.6027, 2.4695** is the 20% darker color. If you saturate the color by 10%, you get **14.0488, 13.5358, 7.7331**, and if you desaturate by 10%, it is **16.3216, 16.5218, 13.2990**.

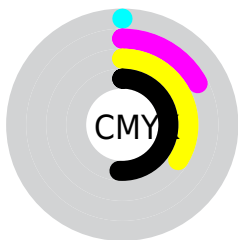
Distribution



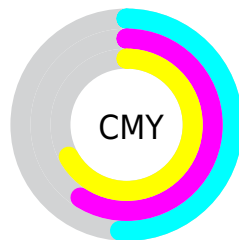
- Red (49%)
- Green (41%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1158, 14.9608, 10.2746 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 15.1158, 14.9608, 10.2746 by changing the saturation by 10% instead.

■ 15.1158, 14.9608,
10.2746

■ 15.1158, 14.9608,
10.2746

217.4406,
223.1288, 203.1764

■ 8.9875, 8.7919,
5.4734

■ 34.6262, 34.7844,
26.9266

■ 4.7901, 4.6057,
2.4641

■ 48.7390, 49.2079,
39.6145

■ 2.1581, 2.0178,
0.8210

■ 66.2441, 67.1516,
55.7683

■ 0.7205, 0.6178,
0.0000

■ 87.5068, 89.0001,
75.8067

■ 0.0000, 0.0000,
0.0000

■ 112.8924,
115.1377, 100.1482

142.7664,

145.9487, 129.2113

177.4939,
181.8176, 163.4145

■ 15.1158, 14.9608,
10.2746

■ 15.1158, 14.9608,
10.2746

■ 14.0488, 13.5358,
7.7331

■ 16.3216, 16.5218,
13.2990

■ 13.1135, 12.2405,
5.6480

■ 17.6706, 18.2206,
16.8290

■ 12.3040, 11.0713,
3.9914

■ 19.1684, 20.0617,
20.8871

■ 11.6133, 10.0235,
2.7323

■ 20.8197, 22.0485,
25.4942

■ 11.0333, 9.0919,
1.8353

■ 22.6293, 24.1845,
30.6698

■ 10.5540, 8.2705,
1.2526

■ 24.6015, 26.4730,
36.4326

■ 10.3021, 7.8315,
0.9687

■ 26.7408, 28.9171,
42.8006

■ 29.0510, 31.5201,
49.7907

■ 31.5363, 34.2847,
57.4194

Harmonies

Analogous

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



16.2878, 14.9608, 11.9704



15.1158, 14.9608, 10.2746



13.7699, 14.9608, 10.0377

Triad

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



15.1158, 14.9608, 10.2746



11.8251, 14.9608, 17.6271



15.9511, 14.9608, 22.6266

Complementary

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



15.1158, 14.9608, 10.2746



12.3845, 13.4479, 21.6816

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.



14.6794, 14.9608, 24.7131



15.1158, 14.9608, 10.2746



12.3347, 14.9608, 21.5402

Square

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



15.1158, 14.9608, 10.2746



11.9256, 14.9608, 13.9029



13.3599, 14.9608, 24.2869



16.7908, 14.9608, 18.9353

Rectangle

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



15.1158, 14.9608, 10.2746



12.9617, 14.9608, 10.6920



13.3599, 14.9608, 24.2869



15.5568, 14.9608, 23.5633

Sweetspot

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



15.1162, 14.9615, 10.2749



32.0989, 33.3038, 32.2909



14.2584, 11.6466, 14.9196



7.2338, 7.4920, 7.1629



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1162, 14.9615, 10.2749



25.1163, 24.3504, 14.5123



17.5350, 19.7992, 11.0812



4.4876, 4.6640, 4.5838



10.5648, 8.0260, 0.9923



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.3845, 13.4479, 21.6816



19.5346, 21.2571, 37.8178



10.4817, 9.6422, 21.0473



4.2765, 4.5470, 5.4655



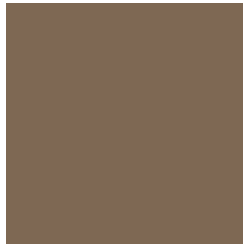
5.7666, 5.3516, 20.9790



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1158, 14.9608, 10.2746 looks on a white background.

Color Contrast Check

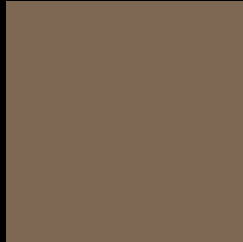
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1158, 14.9608, 10.2746 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 15.1158, 14.9608, 10.2746

Background



This preview shows how black text looks on a background with the XYZ color 15.1158, 14.9608, 10.2746.

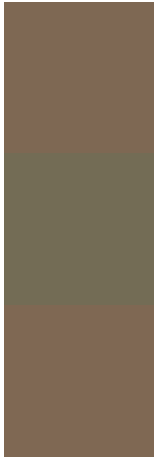


This preview shows how white text looks on a background with the XYZ color 15.1158, 14.9608,

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

15.1158, 14.9608, 10.2746

Protanopia

14.0725, 15.0258, 10.7529

Deuteranopia

15.2640, 15.0372, 10.2816



Tritanopia

16.4137, 15.0572, 16.2286

Trichromacy



Original Color

15.1158, 14.9608, 10.2746

Protanomaly

14.4657, 15.0774, 10.5353

Deuteranomaly

15.2640, 15.0372, 10.2816

Tritanomaly

15.9056, 14.9928, 13.8600

Monochromacy



Original Color

15.1158, 14.9608, 10.2746

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5801, 15.0611, 13.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1158, 14.9608, 10.2746 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(126, 104, 83)` looks like.

```
.text, #text, p{  
    color:rgb(126, 104, 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(126, 104, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 104, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.1158, 14.9608, 10.2746 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(126, 104, 83) }
```


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

```
.border{ border-color:rgb(126, 104, 83) }
```

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

Here you see how a box with a 4 pixel rgb(126, 104, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 104, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 104, 83);  
box-shadow:4px 4px 4px 4px rgb(126, 104,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1158, 14.9608, 10.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 104, 83) }
```

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

```
.background{ background-color: rgb(126,  
104, 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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