

Converting Colors

XYZ(15.3950, 16.1242, 11.0375)

Have a look what the booklet for
XYZ(15.3950, 16.1242, 11.0375)
contains.

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Color

**XYZ(15.3902, 16.1783,
11.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6F56
RGB	122, 111, 86
RGB Percent	48%, 44%, 34%
CMY	0.5216, 0.5647, 0.6627
CMYK	0.00, 0.09, 0.30, 0.52
HSL	42°, 17%, 41%
HSV	42°, 30%, 48%
XYZ	15.3902, 16.1783, 11.1157
YIQ	111.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

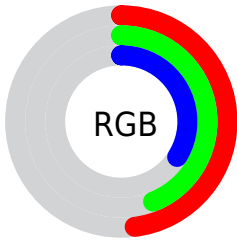
Format	Color
R_{YB}	102, 122, 86
Decimal	8023894
CIE _{Lab}	47.21, 0.08, 15.50
CIE _{LCh}	47, 15.505, 89.712
Yxy	16.1783, 0.3606, 0.3790
Android (android.graphics.Color)	4286213974 (0xFF7A6F56)
YUV	111.4390, -12.5414, 9.2620
Hunter-Lab	40.2223, -2.0897, 11.7704

Details

The XYZ color **15.3902, 16.1783, 11.1157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6253, 11.9328, 20.1030**, and the grayscale version is **15.2698, 16.0650, 17.4948**.

A 20% lighter version of the original color is **35.2203, 37.0859, 28.5945**, and **4.9254, 5.1316, 2.8287** is the 20% darker color. If you saturate the color by 10%, you get **14.5419, 15.2024, 8.6114**, and if you desaturate by 10%, it is **16.3402, 17.2232, 14.0683**.

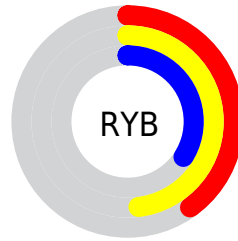
Distribution



Red (48%)

Green (44%)

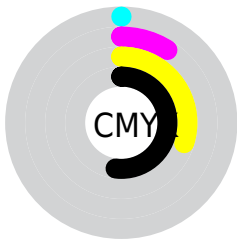
Blue (34%)



Red (40%)

Yellow (48%)

Blue (34%)

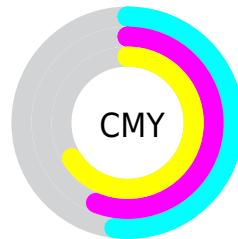


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3902, 16.1783, 11.1157 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 15.3902, 16.1783, 11.1157 by changing the saturation by 10% instead.

■ 15.3902, 16.1783,
11.1157

■ 15.3902, 16.1783,
11.1157

219.0579,
230.3915, 209.2255

■ 9.1818, 9.6504,
6.0296

■ 35.1023, 36.9075,
28.5138

■ 4.9180, 5.1678,
2.7940

■ 49.3368, 51.8775,
41.6629

■ 2.2335, 2.3460,
0.9904

■ 66.9772, 70.4304,
58.3367

■ 0.7603, 0.7979,
0.0000

■ 88.3891, 92.9506,
78.9538

■ 0.0000, 0.0000,
0.0000

■ 113.9378,
119.8224, 103.9326

143.9885,

151.4302, 133.6918

178.9068,
188.1585, 168.6499

■ 15.3902, 16.1783,
11.1157

■ 15.3902, 16.1783,
11.1157

■ 14.5419, 15.2024,
8.6114

■ 16.3402, 17.2232,
14.0683

■ 13.7897, 14.2911,
6.5319

■ 17.3948, 18.3369,
17.4892

■ 13.1291, 13.4430,
4.8531

■ 18.5585, 19.5220,
21.3983

■ 12.5547, 12.6555,
3.5479

■ 19.8348, 20.7802,
25.8140

■ 12.0607, 11.9260,
2.5860

■ 21.2272, 22.1133,
30.7538

■ 11.6400, 11.2513,
1.9323

■ 22.7392, 23.5230,
36.2345

■ 11.2711, 10.6224,
1.4735

■ 24.3738, 25.0107,
42.2719

■ 11.2534, 10.5922,
1.4514

■ 26.1343, 26.5780,
48.8813

■ 28.0235, 28.2264,
56.0774

Harmonies

Analogous

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



16.7395, 16.1783, 11.8879



15.3902, 16.1783, 11.1157



14.1121, 16.1783, 11.8588

Triad

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



15.3902, 16.1783, 11.1157



13.2076, 16.1783, 21.6110



17.7572, 16.1783, 21.6862

Complementary

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



15.3902, 16.1783, 11.1157



11.6253, 11.9328, 20.1030

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.



16.7153, 16.1783, 24.9859



15.3902, 16.1783, 11.1157



14.0905, 16.1783, 24.9382

Square

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



15.3902, 16.1783, 11.1157



12.8982, 16.1783, 17.5776



15.3638, 16.1783, 26.2546



18.1545, 16.1783, 17.6533

Rectangle

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



15.3902, 16.1783, 11.1157



13.4600, 16.1783, 13.1871



15.3638, 16.1783, 26.2546



17.4678, 16.1783, 22.9383

Sweetspot

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



15.3906, 16.1790, 11.1160



30.6593, 32.3187, 30.9561



13.5304, 11.6639, 12.9458



6.9570, 7.3344, 6.9022



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.



15.3906, 16.1790, 11.1160



26.1104, 27.3613, 16.6753



15.7624, 18.2631, 11.4987



4.2093, 4.4371, 4.2591



11.8405, 11.1369, 1.5256



55.7022, 51.5678, 7.0178

Inverse Universe

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



11.6253, 11.9328, 20.1030



18.4235, 18.6953, 35.0304



11.3147, 10.3673, 19.8172



3.8883, 4.0748, 5.0248



4.3971, 2.8766, 19.7088



20.3045, 12.3815, 93.7895

Previews

White Background



This preview shows how the XYZ color 15.3902, 16.1783, 11.1157 looks on a white background.

Color Contrast Check

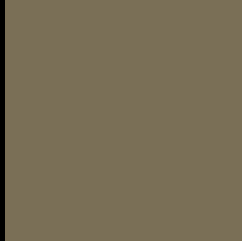
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3902, 16.1783, 11.1157 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 15.3902, 16.1783, 11.1157

Background



This preview shows how black text looks on a background with the XYZ color 15.3902, 16.1783, 11.1157.



This preview shows how white text looks on a background with the XYZ color 15.3902, 16.1783,

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

15.3902, 16.1783, 11.1157

Protanopia

15.2196, 16.2533, 11.1391

Deuteranopia

16.3381, 16.0288, 11.2496



Tritanopia

16.8097, 16.1132, 18.4438

Trichromacy



Original Color

15.3902, 16.1783, 11.1157

Protanomaly

15.3590, 16.3252, 11.1457

Deuteranomaly

15.9849, 16.0024, 11.2631

Tritanomaly

16.1734, 16.0097, 15.3344

Monochromacy



Original Color

15.3902, 16.1783, 11.1157

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1529, 15.9730, 14.8548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3902, 16.1783, 11.1157 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, 111, 86)` looks like.

```
.text, #text, p{  
    color:rgb(122, 111, 86)  
}
```

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, 111, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 111, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.3902, 16.1783, 11.1157 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, 111, 86) }
```


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

```
.border{ border-color:rgb(122, 111, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 111, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 111, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 111, 86);  
box-shadow:4px 4px 4px 4px rgb(122, 111,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3902, 16.1783, 11.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 111, 86) }
```

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

```
.background{ background-color: rgb(122,  
111, 86) }
```

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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