

Converting Colors

XYZ(15.7021, 16.7061, 9.4182)

Have a look what the booklet for
XYZ(15.7021, 16.7061, 9.4182)
contains.

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Color

**XYZ(15.7021, 16.7061,
9.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	7D714D
RGB	125, 113, 77
RGB Percent	49%, 44%, 30%
CMY	0.5098, 0.5568, 0.6980
CMYK	0.00, 0.10, 0.38, 0.51
HSL	45°, 24%, 40%
HSV	45°, 38%, 49%
XYZ	15.7021, 16.7061, 9.4182
YIQ	112.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

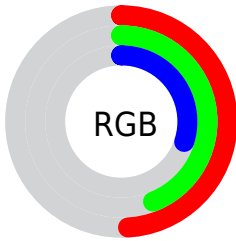
Format	Color
R_{YB}	93, 125, 77
Decimal	8221005
CIE Lab	47.89, -1.02, 21.70
CIE LCh	48, 21.725, 92.703
Yxy	16.7061, 0.3754, 0.3994
Android (android.graphics.Color)	4286411085 (0xFF7D714D)
YUV	112.4840, -17.4936, 10.9765
Hunter-Lab	40.8731, -2.9541, 14.9492

Details

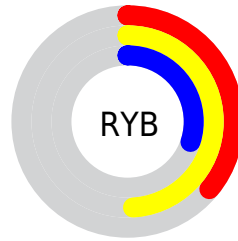
The XYZ color **15.7021, 16.7061, 9.4182** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3344, 10.2027, 20.8265**, and the grayscale version is **15.5899, 16.4018, 17.8616**.

A 20% lighter version of the original color is **35.5811, 37.8816, 25.1752**, and **5.0527, 5.3807, 2.1388** is the 20% darker color. If you saturate the color by 10%, you get **14.9601, 15.8618, 7.1988**, and if you desaturate by 10%, it is **16.5418, 17.6099, 12.0891**.

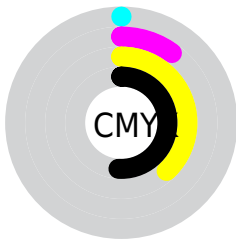
Distribution



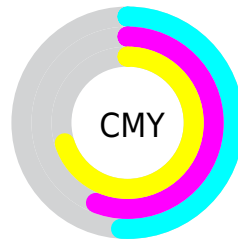
- Red (49%)
- Green (44%)
- Blue (30%)



- Red (36%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7021, 16.7061, 9.4182 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 15.7021, 16.7061, 9.4182 by changing the saturation by 10% instead.

■ 15.7021, 16.7061,
9.4182

■ 15.7021, 16.7061,
9.4182

220.8825,
233.4730, 196.7992

■ 9.4031, 10.0252,
4.9144

■ 35.6419, 37.8198,
25.2858

■ 5.0642, 5.4156,
2.1393

■ 50.0134, 53.0213,
37.4866

■ 2.3201, 2.4931,
0.6390

■ 67.8065, 71.8318,
53.0903

■ 0.8049, 0.8732,
0.0000

■ 89.3864, 94.6357,
72.5153

■ 0.0000, 0.0000,
0.0000

■ 115.1187,
121.8174, 96.1801

145.3685,

153.7612, 124.5034

180.5014,
190.8516, 157.9036

■ 15.7021, 16.7061,
9.4182

■ 15.7021, 16.7061,
9.4182

■ 14.9601, 15.8618,
7.1988

■ 16.5418, 17.6099,
12.0891

■ 14.3095, 15.0724,
5.4040

■ 17.4825, 18.5729,
15.2342

■ 13.7453, 14.3364,
4.0061

■ 18.5290, 19.5978,
18.8757

■ 13.2613, 13.6511,
2.9730

■ 19.6852, 20.6863,
23.0344

■ 12.8503, 13.0135,
2.2681

■ 20.9551, 21.8403,
27.7296

■ 12.4942, 12.4160,
1.7955

■ 22.3420, 23.0611,
32.9799

■ 12.4387, 12.3227,
1.7229

■ 23.8496, 24.3506,
38.8027

■ 25.4811, 25.7100,
45.2149

■ 27.2397, 27.1409,
52.2326

Harmonies

Analogous

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



17.6652, 16.7061, 10.2042



15.7021, 16.7061, 9.4182



13.9336, 16.7061, 10.5533

Triad

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



15.7021, 16.7061, 9.4182



12.9216, 16.7061, 24.6467



19.4578, 16.7061, 23.5859

Complementary

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



15.7021, 16.7061, 9.4182



10.3344, 10.2027, 20.8265

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.



17.9968, 16.7061, 28.8331



15.7021, 16.7061, 9.4182



14.2168, 16.7061, 29.5285

Square

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



15.7021, 16.7061, 9.4182



12.4128, 16.7061, 18.7023



16.0565, 16.7061, 31.1980



19.9361, 16.7061, 17.6873

Rectangle

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



15.7021, 16.7061, 9.4182



13.0728, 16.7061, 12.4167



16.0565, 16.7061, 31.1980



19.0597, 16.7061, 25.5223

Sweetspot

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



15.7025, 16.7069, 9.4185



32.4290, 34.3676, 31.1564



12.9145, 10.3891, 10.7760



7.3337, 7.7756, 6.9378



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.



15.7025, 16.7069, 9.4185



26.9517, 28.5938, 13.3590



15.4832, 18.7136, 9.8175



4.5772, 4.8431, 4.6137



12.9767, 12.8498, 1.7963



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.3344, 10.2027, 20.8265



15.9117, 15.2249, 36.8444



10.4755, 8.9125, 20.5700



4.1894, 4.3729, 5.4365



4.3763, 2.5711, 20.5156



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7021, 16.7061, 9.4182 looks on a white background.

Color Contrast Check

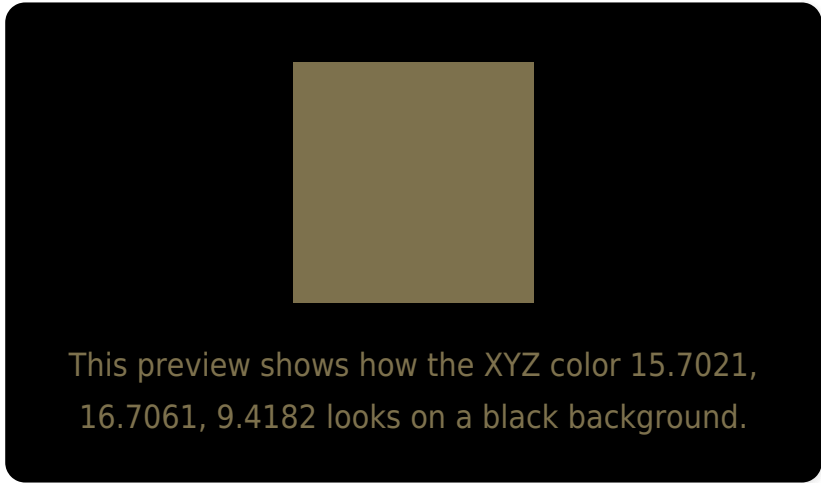
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

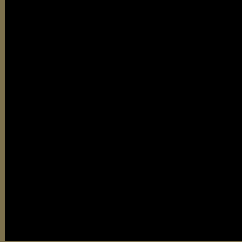
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7021, 16.7061, 9.4182

Background



This preview shows how black text looks on a background with the XYZ color 15.7021, 16.7061, 9.4182.



This preview shows how white text looks on a background with the XYZ color 15.7021, 16.7061,

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

15.7021, 16.7061, 9.4182

Protanopia

15.5252, 16.7814, 9.4420

Deuteranopia

16.9971, 16.7216, 9.5395



Tritanopia

17.5682, 16.6532, 18.8114

Trichromacy



Original Color

15.7021, 16.7061, 9.4182

Protanomaly

15.6690, 16.8555, 9.4488

Deuteranomaly

16.4668, 16.6075, 9.5454

Tritanomaly

16.8763, 16.7004, 14.9044

Monochromacy



Original Color

15.7021, 16.7061, 9.4182

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3824, 16.2711, 14.1343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7021, 16.7061, 9.4182 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(125, 113, 77)` looks like.

```
.text, #text, p{  
    color:rgb(125, 113, 77)  
}
```

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(125, 113, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 113, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.7021, 16.7061, 9.4182 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(125, 113, 77) }
```


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

```
.border{ border-color:rgb(125, 113, 77) }
```

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

Here you see how a box with a 4 pixel rgb(125, 113, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 113, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 113, 77);  
box-shadow:4px 4px 4px 4px rgb(125, 113,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7021, 16.7061, 9.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 113, 77) }
```

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

```
.background{ background-color: rgb(125,  
113, 77) }
```

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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