

Converting Colors

XYZ(15.9751, 16.9449, 12.5539)

Have a look what the booklet for
XYZ(15.9751, 16.9449, 12.5539)
contains.

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Color

**XYZ(15.9751, 16.9449,
12.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	7A725C
RGB	122, 114, 92
RGB Percent	48%, 45%, 36%
CMY	0.5216, 0.5529, 0.6392
CMYK	0.00, 0.07, 0.25, 0.52
HSL	44°, 14%, 42%
HSV	44°, 25%, 48%
XYZ	15.9751, 16.9449, 12.5539
YIQ	113.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

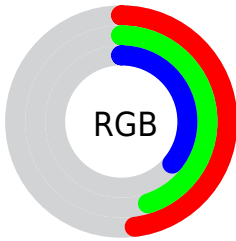
Format	Color
RYB	103, 122, 92
Decimal	8024668
CIELab	48.19, -0.75, 13.33
CIElCh	48, 13.352, 93.218
Yxy	16.9449, 0.3513, 0.3726
Android (android.graphics.Color)	4286214748 (0xFF7A725C)
YUV	113.8840, -10.7888, 7.1177
Hunter-Lab	41.1642, -2.7646, 10.7332

Details

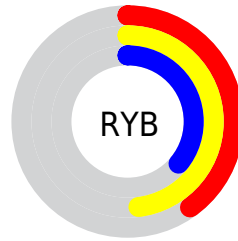
The XYZ color **15.9751, 16.9449, 12.5539** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4835, 12.7944, 20.2240**, and the grayscale version is **15.9886, 16.8213, 18.3184**.

A 20% lighter version of the original color is **36.1979, 38.3394, 31.0836**, and **5.1890, 5.5102, 3.3748** is the 20% darker color. If you saturate the color by 10%, you get **15.1240, 16.0285, 9.8476**, and if you desaturate by 10%, it is **16.9261, 17.9233, 15.7177**.

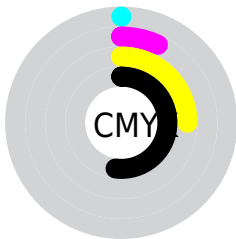
Distribution



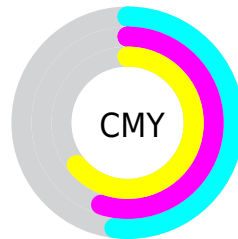
- Red (48%)
- Green (45%)
- Blue (36%)



- Red (40%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9751, 16.9449, 12.5539 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 15.9751, 16.9449, 12.5539 by changing the saturation by 10% instead.

■ 15.9751, 16.9449,
12.5539

■ 15.9751, 16.9449,
12.5539

222.4680,
234.8547, 219.1450

■ 9.5973, 10.1952,
6.9950

■ 36.1128, 38.2310,
31.1793

■ 5.1930, 5.5286,
3.3806

■ 50.6033, 53.5362,
45.0829

■ 2.3968, 2.5606,
1.2921

■ 68.5288, 72.4621,
62.6052

■ 0.8435, 0.9069,
0.0553

■ 90.2546, 95.3930,
84.1646

■ 0.0000, 0.0000,
0.0000

116.1461,
122.7133, 110.1798

146.5686,

154.8074, 141.0692

181.8874,
192.0597, 177.2514

■ 15.9751, 16.9449,
12.5539

■ 15.9751, 16.9449,
12.5539

■ 15.1240, 16.0285,
9.8476

■ 16.9261, 17.9233,
15.7177

■ 14.3672, 15.1698,
7.5760

■ 17.9795, 18.9632,
19.3582

■ 13.7005, 14.3677,
5.7162

■ 19.1396, 20.0671,
23.4946

■ 13.1190, 13.6198,
4.2423

■ 20.4099, 21.2366,
28.1451

■ 12.6170, 12.9237,
3.1259

■ 21.7937, 22.4731,
33.3265

■ 12.1883, 12.2768,
2.3345

■ 23.2943, 23.7783,
39.0552

■ 11.8237, 11.6750,
1.8199

■ 24.9147, 25.1535,
45.3468

■ 11.6384, 11.3622,
1.5797

■ 26.6579, 26.6000,
52.2162

■ 28.5266, 28.1193,
59.6777

Harmonies

Analogous

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



17.1793, 16.9449, 13.1079



15.9751, 16.9449, 12.5539



14.8618, 16.9449, 13.4086

Triad

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



15.9751, 16.9449, 12.5539



14.2327, 16.9449, 22.3553



18.2781, 16.9449, 21.6256

Complementary

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



15.9751, 16.9449, 12.5539



12.4835, 12.7944, 20.2240

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.



17.4170, 16.9449, 24.6193



15.9751, 16.9449, 12.5539



15.0777, 16.9449, 25.0764

Square

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



15.9751, 16.9449, 12.5539



13.8880, 16.9449, 18.8275



16.2368, 16.9449, 25.9524



18.5475, 16.9449, 18.0778

Rectangle

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



15.9751, 16.9449, 12.5539



14.3094, 16.9449, 14.7336



16.2368, 16.9449, 25.9524



18.0461, 16.9449, 22.7443

Sweetspot

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



15.9755, 16.9457, 12.5543



31.1356, 32.8795, 32.3227



14.1536, 12.7121, 13.7645



7.1016, 7.5007, 7.3293



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.



15.9755, 16.9457, 12.5543



27.1666, 28.8103, 19.0729



15.9616, 18.3367, 12.8235



4.2217, 4.4618, 4.2632



12.2464, 11.9486, 1.6609



57.6893, 55.5420, 7.6801

Inverse Universe

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



12.4835, 12.7944, 20.2240



19.8162, 20.0740, 35.2231



12.4858, 11.7123, 20.0150



3.8765, 4.0514, 5.0209



4.2509, 2.5843, 19.6601



19.6669, 11.1064, 93.5770

Previews

White Background



This preview shows how the XYZ color 15.9751, 16.9449, 12.5539 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 15.9751, 16.9449, 12.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

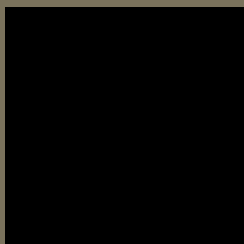
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

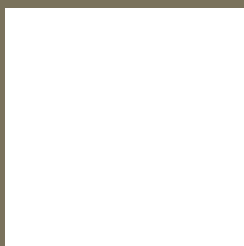
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9751, 16.9449, 12.5539

Background



This preview shows how black text looks on a background with the XYZ color 15.9751, 16.9449, 12.5539.



This preview shows how white text looks on a background with the XYZ color 15.9751, 16.9449,

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

15.9751, 16.9449, 12.5539

Protanopia

15.8342, 16.8723, 12.5473

Deuteranopia

17.2246, 16.9287, 12.7157



Tritanopia

17.3632, 16.8437, 19.7888

Trichromacy



Original Color

15.9751, 16.9449, 12.5539

Protanomaly

15.8342, 16.8723, 12.5473

Deuteranomaly

16.7135, 16.8263, 12.7228

Tritanomaly

16.7569, 16.7581, 16.8194

Monochromacy



Original Color

15.9751, 16.9449, 12.5539

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9550, 16.8571, 16.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9751, 16.9449, 12.5539 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, 114, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 92)  
}
```

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, 114, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.9751, 16.9449, 12.5539 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, 114, 92) }
```


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

```
.border{ border-color:rgb(122, 114, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9751, 16.9449, 12.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 92) }
```

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

```
.background{ background-color: rgb(122,  
114, 92) }
```

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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