

Converting Colors

XYZ(15.5971, 15.7302, 14.5269)

Have a look what the booklet for
XYZ(15.5971, 15.7302, 14.5269)
contains.

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Color

**XYZ(15.5967, 15.7297,
14.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	796C65
RGB	121, 108, 101
RGB Percent	47%, 42%, 40%
CMY	0.5255, 0.5765, 0.6039
CMYK	0.00, 0.11, 0.17, 0.53
HSL	21°, 9%, 44%
HSV	21°, 17%, 47%
XYZ	15.5967, 15.7297, 14.5260
YIQ	111.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

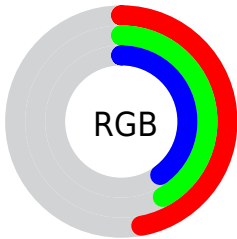
Format	Color
R_{YB}	121, 112, 101
Decimal	7957605
CIE Lab	46.62, 3.83, 5.77
CIE LCh	47, 6.925, 56.392
Yxy	15.7297, 0.3402, 0.3431
Android (android.graphics.Color)	4286147685 (0xFF796C65)
YUV	111.0890, -4.9739, 8.6919
Hunter-Lab	39.6607, 0.7895, 6.0471

Details

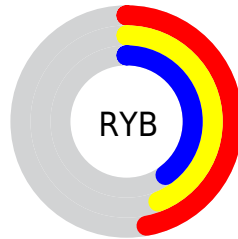
The XYZ color **15.5967, 15.7297, 14.5260** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8352, 16.1814, 20.4307**, and the grayscale version is **15.1476, 15.9364, 17.3548**.

A 20% lighter version of the original color is **35.2992, 35.9475, 34.7839**, and **5.0071, 4.9815, 4.1877** is the 20% darker color. If you saturate the color by 10%, you get **14.2548, 13.9258, 11.3660**, and if you desaturate by 10%, it is **17.1016, 17.7196, 18.1714**.

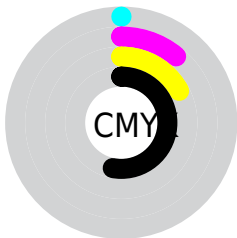
Distribution



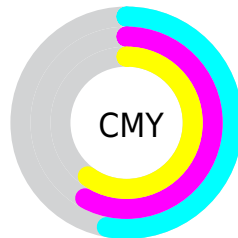
- Red (47%)
- Green (42%)
- Blue (40%)



- Red (47%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5967, 15.7297, 14.5260 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 15.5967, 15.7297, 14.5260 by changing the saturation by 10% instead.

■ 15.5967, 15.7297,
14.5260

■ 15.5967, 15.7297,
14.5260

220.2675,
227.7414, 232.0201

■ 9.3283, 9.3331,
8.3445

■ 35.4598, 36.1283,
34.7499

■ 5.0147, 4.9591,
4.2252

■ 49.7851, 50.8991,
49.6294

■ 2.2907, 2.2233,
1.7497

■ 67.5267, 69.2301,
68.2454

■ 0.7899, 0.7326,
0.3945

■ 89.0501, 91.5056,
91.0162

■ 0.0000, 0.0000,
0.0000

114.7205,
118.1101, 118.3606

144.9033,

149.4280, 150.6970

179.9638,
185.8436, 188.4440

■ 15.5967, 15.7297,
14.5260

■ 15.5967, 15.7297,
14.5260

■ 14.2548, 13.9258,
11.3660

■ 17.1016, 17.7196,
18.1714

■ 13.0689, 12.3003,
8.6697

■ 18.7736, 19.8985,
22.3207

■ 12.0332, 10.8481,
6.4154

■ 20.6184, 22.2723,
26.9925

■ 11.1411, 9.5633,
4.5789

■ 22.6410, 24.8456,
32.2043

■ 10.3857, 8.4394,
3.1340

■ 24.8461, 27.6231,
37.9726

■ 9.7589, 7.4694,
2.0513

■ 27.2383, 30.6093,
44.3134

■ 9.2523, 6.6458,
1.2972

■ 29.8220, 33.8086,
51.2419

■ 8.8503, 5.9583,
0.8042

■ 32.6014, 37.2251,
58.7728

■ 8.7262, 5.7470,
0.6494

■ 35.5806, 40.8629,
66.9202

Harmonies

Analogous

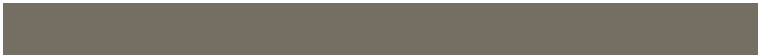
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.0054, 15.7297, 15.7033



15.5967, 15.7297, 14.5260



15.0231, 15.7297, 14.0437

Triad

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



15.5967, 15.7297, 14.5260



13.8312, 15.7297, 16.9204



15.4680, 15.7297, 20.2523

Complementary

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



15.5967, 15.7297, 14.5260



14.8352, 16.1814, 20.4307

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.



14.8783, 15.7297, 20.6315



15.5967, 15.7297, 14.5260



13.9432, 15.7297, 18.6342

Square

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



15.5967, 15.7297, 14.5260



14.0125, 15.7297, 15.3667



14.3226, 15.7297, 20.0212



15.9297, 15.7297, 19.0168

Rectangle

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



15.5967, 15.7297, 14.5260



14.6282, 15.7297, 14.1556



14.3226, 15.7297, 20.0212



15.2777, 15.7297, 20.4875

Sweetspot

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



15.5971, 15.7304, 14.5263



31.0261, 32.2578, 33.5277



15.5763, 14.5874, 17.9144



7.0572, 7.3274, 7.5753



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

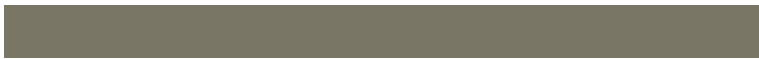
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5971, 15.7304, 14.5263



26.9414, 26.8465, 23.6634



16.7127, 17.9616, 14.8982



4.1025, 4.2234, 4.2235



9.3415, 6.1389, 0.6926



43.8300, 27.8234, 3.0604

Inverse Universe

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



14.8352, 16.1814, 20.4307



25.2935, 27.8207, 36.4297



13.7685, 14.0480, 20.0751



3.9945, 4.2874, 5.0602



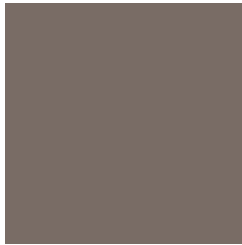
6.6559, 7.3941, 20.4617



30.9281, 33.6288, 97.3307

Previews

White Background



This preview shows how the XYZ color 15.5967, 15.7297, 14.5260 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 15.5967, 15.7297, 14.5260 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 15.5967, 15.7297, 14.5260

Background



This preview shows how black text looks on a background with the XYZ color 15.5967, 15.7297, 14.5260.

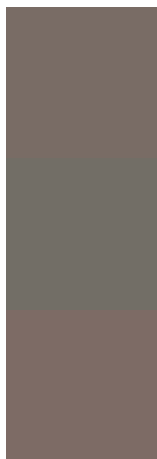


This preview shows how white text looks on a background with the XYZ color 15.5967, 15.7297,

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

15.5967, 15.7297, 14.5260

Protanopia

14.9136, 15.6886, 14.8125

Deuteranopia

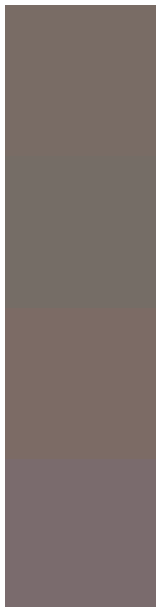
16.0641, 15.8149, 14.5178



Tritanopia

16.3597, 15.7339, 18.0943

Trichromacy



Original Color

15.5967, 15.7297, 14.5260

Protanomaly

15.2030, 15.6785, 14.7953

Deuteranomaly

15.9188, 15.7401, 14.5110

Tritanomaly

16.0441, 15.7571, 16.6638

Monochromacy



Original Color

15.5967, 15.7297, 14.5260

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3000, 15.8582, 16.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5967, 15.7297, 14.5260 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(121, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 101)  
}
```

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(121, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.5967, 15.7297, 14.5260 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(121, 108, 101) }
```


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

```
.border{ border-color:rgb(121, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 108, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 108, 101); box-shadow:4px 4px 4px 4px rgb(121, 108, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5967, 15.7297, 14.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 101) }
```

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

```
.background{ background-color: rgb(121,  
108, 101) }
```

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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