

Converting Colors

XYZ(15.0884, 16.2648, 7.4968)

Have a look what the booklet for
XYZ(15.0884, 16.2648, 7.4968)
contains.

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Color

**XYZ(15.0897, 16.2668,
7.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7042
RGB	124, 112, 66
RGB Percent	49%, 44%, 26%
CMY	0.5137, 0.5608, 0.7412
CMYK	0.00, 0.10, 0.47, 0.51
HSL	48°, 31%, 37%
HSV	48°, 47%, 49%
XYZ	15.0897, 16.2668, 7.4987
YIQ	110.3440, 21.9180, -11.7620

Conversions

Conversions Part 2

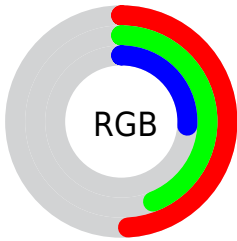
Format	Color
R _Y B	81, 124, 66
Decimal	8155202
CIE Lab	47.32, -2.20, 27.20
CIE LCh	47, 27.286, 94.631
Yxy	16.2668, 0.3884, 0.4187
Android (android.graphics.Color)	4286345282 (0xFF7C7042)
YUV	110.3440, -21.8616, 11.9763
Hunter-Lab	40.3321, -3.7979, 17.2091

Details

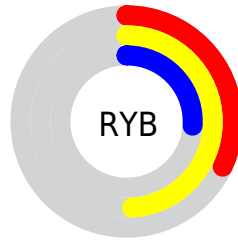
The XYZ color **15.0897, 16.2668, 7.4987** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6091, 8.0619, 20.1710**, and the grayscale version is **14.9768, 15.7567, 17.1591**.

A 20% lighter version of the original color is **34.7301, 37.2537, 21.5799**, and **4.7164, 5.1374, 1.4525** is the 20% darker color. If you saturate the color by 10%, you get **14.4842, 15.5788, 5.6847**, and if you desaturate by 10%, it is **15.7833, 17.0041, 9.7336**.

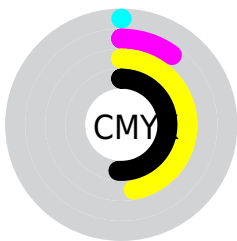
Distribution



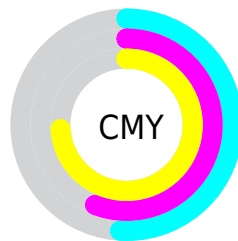
- Red (49%)
- Green (44%)
- Blue (26%)



- Red (32%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (47%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0897, 16.2668, 7.4987 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 15.0897, 16.2668, 7.4987 by changing the saturation by 10% instead.

■ 15.0897, 16.2668,
7.4987

■ 15.0897, 16.2668,
7.4987

■ 217.2861,
230.9109, 181.5307

■ 8.9691, 9.7131,
3.6928

■ 34.5808, 37.0608,
21.4994

■ 4.7780, 5.2092,
1.4583

■ 48.6821, 52.0699,
32.5312

■ 2.1510, 2.3705,
0.1866

■ 66.1742, 70.6662,
46.8087

■ 0.7167, 0.8107,
0.0000

■ 87.4226, 93.2343,
64.7504

■ 0.0000, 0.0000,
0.0000

■ 112.7927,
120.1584, 86.7750

■ 142.6497,

151.8229, 113.3008

177.3591,
188.6123, 144.7466

■ 15.0897, 16.2668,
7.4987

■ 15.0897, 16.2668,
7.4987

■ 14.4842, 15.5788,
5.6847

■ 15.7833, 17.0041,
9.7336

■ 13.9605, 14.9357,
4.2634

■ 16.5687, 17.7906,
12.4132

■ 13.5130, 14.3358,
3.2044

■ 17.4506, 18.6287,
15.5609

■ 13.1350, 13.7763,
2.4729

■ 18.4332, 19.5204,
19.1978

■ 12.8130, 13.2516,
1.9974

■ 19.5202, 20.4671,
23.3441

■ 12.7129, 13.0865,
1.8559

■ 20.7155, 21.4705,
28.0186

■ 22.0223, 22.5321,
33.2392

■ 23.4441, 23.6533,
39.0231

■ 24.9840, 24.8354,
45.3865

Harmonies

Analogous

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



17.5341, 16.2668, 8.2181



15.0897, 16.2668, 7.4987



12.9728, 16.2668, 8.8777

Triad

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



15.0897, 16.2668, 7.4987



11.9509, 16.2668, 26.3815



20.0408, 16.2668, 24.0325

Complementary

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



15.0897, 16.2668, 7.4987



8.6091, 8.0619, 20.1710

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.



18.2488, 16.2668, 31.0401



15.0897, 16.2668, 7.4987



13.5583, 16.2668, 32.6251

Square

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



15.0897, 16.2668, 7.4987



11.2845, 16.2668, 18.8059



15.8386, 16.2668, 34.5197



20.5588, 16.2668, 16.6610

Rectangle

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



15.0897, 16.2668, 7.4987



11.9797, 16.2668, 11.0833



15.8386, 16.2668, 34.5197



19.5590, 16.2668, 26.5644

Sweetspot

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



15.0901, 16.2676, 7.4990



31.1146, 33.1566, 28.8651



11.6560, 8.7398, 8.3875



7.2567, 7.7432, 6.5375



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.



15.0901, 16.2676, 7.4990



25.4341, 27.3503, 9.8472



14.3228, 17.9696, 7.8680



4.2407, 4.4999, 4.2695



12.9221, 13.3000, 1.8861



61.0168, 62.1970, 8.7893

Inverse Universe

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



8.6091, 8.0619, 20.1710



12.5746, 11.0823, 35.0330



9.1039, 7.1651, 19.9719



3.8586, 4.0156, 5.0149



4.0644, 2.2113, 19.5979



18.8797, 9.5321, 93.3146

Previews

White Background



This preview shows how the XYZ color 15.0897, 16.2668, 7.4987 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 15.0897, 16.2668, 7.4987 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 15.0897, 16.2668, 7.4987

Background



This preview shows how black text looks on a background with the XYZ color 15.0897, 16.2668, 7.4987.



This preview shows how white text looks on a background with the XYZ color 15.0897, 16.2668,

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

15.0897, 16.2668, 7.4987

Protanopia

14.9459, 16.1926, 7.4920

Deuteranopia

16.4242, 16.1549, 7.5627



Tritanopia

17.3018, 16.2130, 18.4372

Trichromacy



Original Color

15.0897, 16.2668, 7.4987

Protanomaly

14.9459, 16.1926, 7.4920

Deuteranomaly

15.9975, 16.2481, 7.6032

Tritanomaly

16.2726, 16.1002, 13.5593

Monochromacy



Original Color

15.0897, 16.2668, 7.4987

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7751, 15.8219, 12.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0897, 16.2668, 7.4987 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(124, 112, 66)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 66)  
}
```

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(124, 112, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 66) }
```

Border

The CSS property to change the border of an element to XYZ 15.0897, 16.2668, 7.4987 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(124, 112, 66) }
```


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

```
.border{ border-color:rgb(124, 112, 66) }
```

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

Here you see how a box with a 4 pixel rgb(124, 112, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 66);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0897, 16.2668, 7.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 66) }
```

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

```
.background{ background-color: rgb(124,  
112, 66) }
```

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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