

Converting Colors

XYZ(15.0313, 16.2299, 15.8522)

Have a look what the booklet for
XYZ(15.0313, 16.2299, 15.8522)
contains.

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Color

**XYZ(15.0622, 16.2304,
15.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	6F716A
RGB	111, 113, 106
RGB Percent	44%, 44%, 42%
CMY	0.5647, 0.5569, 0.5843
CMYK	0.02, 0.00, 0.06, 0.56
HSL	77°, 3%, 43%
HSV	77°, 6%, 44%
XYZ	15.0622, 16.2304, 15.9746
YIQ	111.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

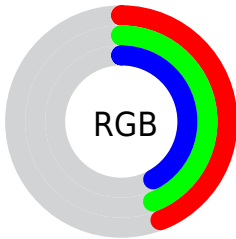
Format	Color
RYB	106, 113, 108
Decimal	7303530
CIELab	47.28, -2.16, 3.61
CIELCh	47, 4.210, 120.932
Yxy	16.2304, 0.3187, 0.3434
Android (android.graphics.Color)	4285493610 (0xFF6F716A)
YUV	111.6040, -2.7628, -0.5297
Hunter-Lab	40.2870, -3.7659, 4.6912

Details

The XYZ color **15.0622, 16.2304, 15.9746** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3197, 14.6889, 17.7042**, and the grayscale version is **15.2932, 16.0896, 17.5216**.

A 20% lighter version of the original color is **34.6452, 37.1311, 37.2393**, and **4.7296, 5.1531, 4.8830** is the 20% darker color. If you saturate the color by 10%, you get **14.1137, 15.8054, 13.0621**, and if you desaturate by 10%, it is **16.1038, 16.6954, 19.2964**.

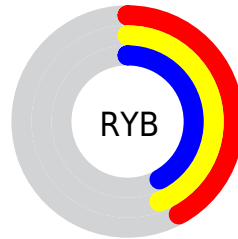
Distribution



Red (44%)

Green (44%)

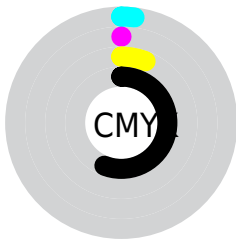
Blue (42%)



Red (42%)

Yellow (44%)

Blue (42%)

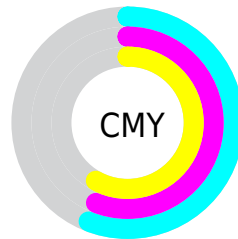


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0622, 16.2304, 15.9746 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 15.0622, 16.2304, 15.9746 by changing the saturation by 10% instead.

■ 15.0622, 16.2304,
15.9746

■ 15.0622, 16.2304,
15.9746

217.1233,
230.6974, 241.0324

■ 8.9497, 9.6873,
9.3520

■ 34.5330, 36.9977,
37.3203

■ 4.7652, 5.1921,
4.8716

■ 48.6220, 51.9908,
52.8805

■ 2.1435, 2.3604,
2.1147

■ 66.1005, 70.5693,
72.2569

■ 0.7127, 0.8054,
0.6245

■ 87.3339, 93.1176,
95.8682

■ 0.0000, 0.0000,
0.0000

112.6875,
120.0202, 124.1329

142.5267,

151.6615, 157.4694

177.2169,
188.4258, 196.2964

■ 15.0622, 16.2304,
15.9746

■ 15.0622, 16.2304,
15.9746

■ 14.1137, 15.8054,
13.0621

■ 16.1038, 16.6954,
19.2964

■ 13.2538, 15.4170,
10.5421

■ 17.2401, 17.1995,
23.0415

■ 12.4795, 15.0645,
8.3980

■ 18.4744, 17.7445,
27.2243

■ 11.7874, 14.7465,
6.6117

■ 19.8095, 18.3315,
31.8586

■ 11.1734, 14.4614,
5.1637

■ 21.2479, 18.9617,
36.9571

■ 10.6334, 14.2075,
4.0325

■ 22.7922, 19.6360,
42.5325

■ 10.1626, 13.9828,
3.1941

■ 24.4447, 20.3554,
48.5966

■ 9.7557, 13.7854,
2.6213

■ 26.2078, 21.1209,
55.1610

■ 9.4014, 13.6104,
2.2550

■ 28.0838, 21.9333,
62.2369

Harmonies

Analogous

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



15.4149, 16.2304, 15.7044



15.0622, 16.2304, 15.9746



14.8105, 16.2304, 16.6966

Triad

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



15.0622, 16.2304, 15.9746



15.0820, 16.2304, 19.5214



16.1519, 16.2304, 17.6389

Complementary

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



15.0622, 16.2304, 15.9746



14.3197, 14.6889, 17.7042

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.



16.0594, 16.2304, 18.6849



15.0622, 16.2304, 15.9746



15.4381, 16.2304, 19.7978

Square

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



15.0622, 16.2304, 15.9746



14.8218, 16.2304, 18.7448



15.7966, 16.2304, 19.4859



16.0475, 16.2304, 16.6412

Rectangle

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



15.0622, 16.2304, 15.9746



14.7317, 16.2304, 17.3516



15.7966, 16.2304, 19.4859



16.1428, 16.2304, 17.9966

Sweetspot

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



15.0626, 16.2311, 15.9750



27.7229, 29.3990, 30.9780



14.7730, 15.2735, 15.8054



6.4183, 6.8021, 7.1864



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.0626, 16.2311, 15.9750



26.7953, 28.9846, 28.0555



14.6329, 16.0096, 15.9548



3.5957, 3.8896, 3.7644



10.4972, 15.3552, 2.4106



51.4113, 76.0375, 11.9671

Inverse Universe

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



14.3197, 14.6889, 17.7042



25.2620, 25.8019, 31.6243



14.7518, 14.9117, 17.7244



3.3897, 3.4620, 4.2438



4.0498, 1.6972, 17.8357



19.4219, 8.0667, 88.8125

Previews

White Background



This preview shows how the XYZ color 15.0622, 16.2304, 15.9746 looks on a white background.

Color Contrast Check

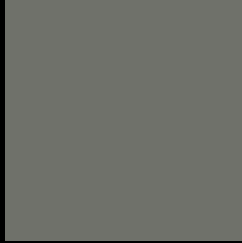
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0622, 16.2304, 15.9746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

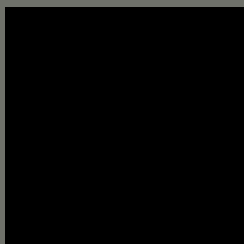
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

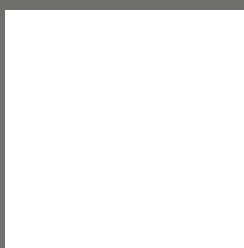
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0622, 16.2304, 15.9746

Background



This preview shows how black text looks on a background with the XYZ color 15.0622, 16.2304, 15.9746.



This preview shows how white text looks on a background with the XYZ color 15.0622, 16.2304,

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

15.0622, 16.2304, 15.9746

Protanopia

15.5464, 16.3213, 15.6955

Deuteranopia

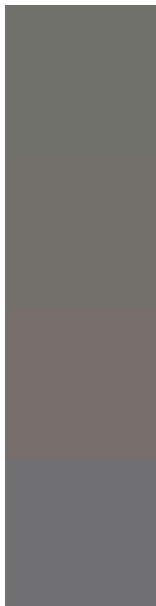
16.4739, 16.1466, 16.1583



Tritanopia

15.8847, 16.2357, 20.0659

Trichromacy



Original Color

15.0622, 16.2304, 15.9746

Protanomaly

15.2834, 16.1857, 15.6832

Deuteranomaly

15.9755, 16.2065, 16.1961

Tritanomaly

15.5708, 16.2709, 18.5396

Monochromacy



Original Color

15.0622, 16.2304, 15.9746

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2907, 16.1589, 17.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0622, 16.2304, 15.9746 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(111, 113, 106)` looks like.

```
.text, #text, p{  
    color:rgb(111, 113, 106)  
}
```

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(111, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 113, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.0622, 16.2304, 15.9746 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(111, 113, 106) }
```


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

```
.border{ border-color:rgb(111, 113, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 113, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 113, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 113, 106);  
box-shadow:4px 4px 4px 4px rgb(111, 113,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0622, 16.2304, 15.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 113, 106) }
```

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

```
.background{ background-color: rgb(111,  
113, 106) }
```

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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