

Converting Colors

XYZ(15.5295, 15.9739, 17.4592)

Have a look what the booklet for
XYZ(15.5295, 15.9739, 17.4592)
contains.

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Color

**XYZ(15.5708, 15.9666,
17.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	736E70
RGB	115, 110, 112
RGB Percent	45%, 43%, 44%
CMY	0.5490, 0.5686, 0.5608
CMYK	0.00, 0.04, 0.03, 0.55
HSL	336°, 2%, 44%
HSV	336°, 4%, 45%
XYZ	15.5708, 15.9666, 17.5904
YIQ	111.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

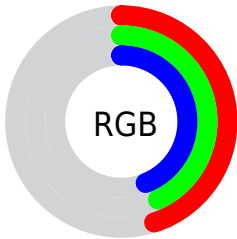
Format	Color
RYB	115, 110, 112
Decimal	7564912
CIELab	46.93, 2.33, -0.43
CIELCh	47, 2.372, 349.658
Yxy	15.9666, 0.3169, 0.3250
Android (android.graphics.Color)	4285754992 (0xFF736E70)
YUV	111.7230, 0.1366, 2.8739
Hunter-Lab	39.9582, -0.3696, 1.8701

Details

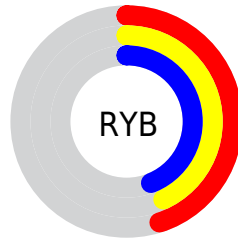
The XYZ color **15.5708, 15.9666, 17.5904** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5424, 16.7691, 18.0413**, and the grayscale version is **15.3195, 16.1173, 17.5518**.

A 20% lighter version of the original color is **35.5575, 36.7365, 40.3387**, and **5.0177, 5.1185, 5.5740** is the 20% darker color. If you saturate the color by 10%, you get **14.0400, 13.4966, 15.2560**, and if you desaturate by 10%, it is **17.2930, 18.7719, 20.1345**.

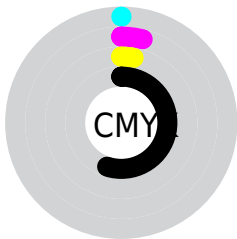
Distribution



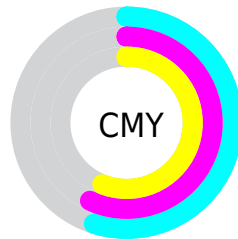
- Red (45%)
- Green (43%)
- Blue (44%)



- Red (45%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5708, 15.9666, 17.5904 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 15.5708, 15.9666, 17.5904 by changing the saturation by 10% instead.

■ 15.5708, 15.9666,
17.5904

■ 15.5708, 15.9666,
17.5904

220.1161,
229.1446, 250.7102

■ 9.3099, 9.5005,
10.4899

■ 35.4150, 36.5402,
40.1426

■ 5.0026, 5.0691,
5.6152

■ 49.7289, 51.4165,
56.4314

■ 2.2835, 2.2878,
2.5475

■ 67.4579, 69.8651,
76.6201

■ 0.7862, 0.7673,
0.8652

■ 88.9673, 92.2702,
101.1271

■ 0.0000, 0.0000,
0.0000

114.6225,
119.0163, 130.3711

144.7888,

150.4878, 164.7706

179.8315,
187.0691, 204.7441

■ 15.5708, 15.9666,
17.5904

■ 15.5708, 15.9666,
17.5904

■ 14.0400, 13.4966,
15.2560

■ 17.2930, 18.7719,
20.1345

■ 12.6925, 11.3473,
13.1247

■ 19.2118, 21.9222,
22.8924

■ 11.5215, 9.5059,
11.1910

■ 21.3336, 25.4297,
25.8697

■ 10.5193, 7.9582,
9.4490

■ 23.6645, 29.3050,
29.0711

■ 9.6776, 6.6887,
7.8921

■ 26.2101, 33.5586,
32.5016

■ 8.9873, 5.6805,
6.5137

■ 28.9757, 38.2003,
36.1657

■ 8.4384, 4.9150,
5.3065

■ 31.9666, 43.2397,
40.0677

■ 8.0196, 4.3707,
4.2624

■ 35.1878, 48.6861,
44.2122

■ 7.7138, 4.0152,
3.3715

■ 38.6442, 54.5483,
48.6032

Harmonies

Analogous

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



15.4812, 15.9666, 18.1335



15.5708, 15.9666, 17.5904



15.5538, 15.9666, 17.0042

Triad

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



15.5708, 15.9666, 17.5904



15.0422, 15.9666, 16.3331



14.9195, 15.9666, 18.2685

Complementary

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



15.5708, 15.9666, 17.5904



15.5424, 16.7691, 18.0413

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.



14.8039, 15.9666, 17.7713



15.5708, 15.9666, 17.5904



14.8744, 15.9666, 16.6572

Square

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



15.5708, 15.9666, 17.5904



15.2474, 15.9666, 16.2872



14.7875, 15.9666, 17.1810



15.1044, 15.9666, 18.5309

Rectangle

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



15.5708, 15.9666, 17.5904



15.4843, 15.9666, 16.6674



14.7875, 15.9666, 17.1810



14.8713, 15.9666, 18.1228

Sweetspot

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



15.5713, 15.9673, 17.5907



28.8681, 30.1919, 32.9693



15.4811, 15.9012, 18.4731



6.8925, 7.2119, 7.8737



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.5713, 15.9673, 17.5907



27.6554, 28.2232, 31.1574



15.5153, 16.0314, 17.0294



3.8824, 3.9548, 4.3694



8.6356, 4.3880, 3.2893



41.6834, 21.2235, 13.9280

Inverse Universe

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



15.5713, 15.9673, 17.5907



27.6554, 28.2232, 31.1574



15.5993, 16.7010, 18.6213



3.8824, 3.9548, 4.3694



8.6356, 4.3880, 3.2893



41.6834, 21.2235, 13.9280

Previews

White Background



This preview shows how the XYZ color 15.5708, 15.9666, 17.5904 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 15.5708, 15.9666, 17.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

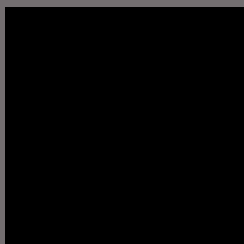
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5708, 15.9666, 17.5904

Background



This preview shows how black text looks on a background with the XYZ color 15.5708, 15.9666, 17.5904.



This preview shows how white text looks on a background with the XYZ color 15.5708, 15.9666,

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

15.5708, 15.9666, 17.5904

Protanopia

15.4191, 16.0494, 17.6144

Deuteranopia

16.1723, 15.9599, 17.5574



Tritanopia

15.9411, 15.9583, 19.3796

Trichromacy

**Original Color**

15.5708, 15.9666, 17.5904

Protanomaly

15.5485, 16.1161, 17.6205

Deuteranomaly

16.0010, 16.0291, 17.5798

Tritanomaly

15.8235, 15.9112, 18.7602

Monochromacy

**Original Color**

15.5708, 15.9666, 17.5904

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4191, 16.0494, 17.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5708, 15.9666, 17.5904 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(115, 110, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 110, 112)  
}
```

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(115, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 110, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.5708, 15.9666, 17.5904 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(115, 110, 112) }
```


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

```
.border{ border-color:rgb(115, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 110,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5708, 15.9666, 17.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 110, 112) }
```

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

```
.background{ background-color: rgb(115,  
110, 112) }
```

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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