

Converting Colors

XYZ(15.4917, 16.2171, 16.4634)

Have a look what the booklet for
XYZ(15.4917, 16.2171, 16.4634)
contains.

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Color

**XYZ(15.5712, 16.3159,
16.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	73706C
RGB	115, 112, 108
RGB Percent	45%, 44%, 42%
CMY	0.5490, 0.5608, 0.5765
CMYK	0.00, 0.03, 0.06, 0.55
HSL	34°, 3%, 44%
HSV	34°, 6%, 45%
XYZ	15.5712, 16.3159, 16.5159
YIQ	112.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

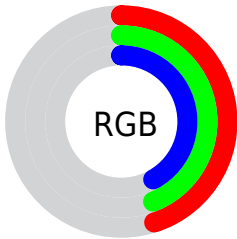
Format	Color
R_{YB}	113, 115, 108
Decimal	7565420
CIE Lab	47.39, 0.37, 2.62
CIE LCh	47, 2.651, 81.933
Yxy	16.3159, 0.3217, 0.3371
Android (android.graphics.Color)	4285755500 (0xFF73706C)
YUV	112.4410, -2.1894, 2.2442
Hunter-Lab	40.3929, -1.8771, 4.0325

Details

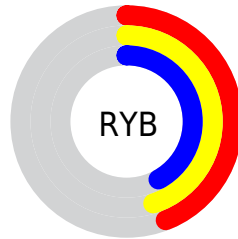
The XYZ color **15.5712, 16.3159, 16.5159** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9633, 15.7946, 18.4799**, and the grayscale version is **15.5368, 16.3459, 17.8007**.

A 20% lighter version of the original color is **35.4698, 37.2696, 38.1252**, and **4.9904, 5.1970, 5.1550** is the 20% darker color. If you saturate the color by 10%, you get **14.4706, 15.0303, 13.3260**, and if you desaturate by 10%, it is **16.7832, 17.6947, 20.1417**.

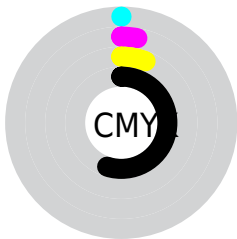
Distribution



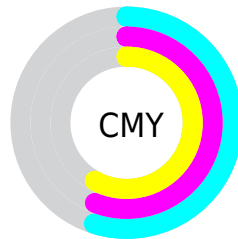
- Red (45%)
- Green (44%)
- Blue (42%)



- Red (44%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5712, 16.3159, 16.5159 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 15.5712, 16.3159, 16.5159 by changing the saturation by 10% instead.

■ 15.5712, 16.3159,
16.5159

■ 15.5712, 16.3159,
16.5159

220.1185,
231.1986, 244.3158

■ 9.3102, 9.7480,
9.7317

■ 35.4157, 37.1458,
38.2707

■ 5.0028, 5.2322,
5.1181

■ 49.7298, 52.1765,
54.0784

■ 2.2837, 2.3841,
2.2568

■ 67.4590, 70.7969,
73.7309

■ 0.7863, 0.8177,
0.7069

■ 88.9686, 93.3914,
97.6469

■ 0.0000, 0.0000,
0.0000

114.6240,
120.3445, 126.2448

144.7906,

152.0404, 159.9432

179.8336,
188.8637, 199.1607

■ 15.5712, 16.3159,
16.5159

■ 15.5712, 16.3159,
16.5159

■ 14.4706, 15.0303,
13.3260

■ 16.7832, 17.6947,
20.1417

■ 13.4765, 13.8336,
10.5543

■ 18.1087, 19.1667,
24.2181

■ 12.5854, 12.7241,
8.1833

■ 19.5513, 20.7345,
28.7605

■ 11.7933, 11.6995,
6.1941

■ 21.1143, 22.4003,
33.7831

■ 11.0957, 10.7572,
4.5660

■ 22.8006, 24.1657,
39.2997

■ 10.4881, 9.8944,
3.2765

■ 24.6130, 26.0328,
45.3232

■ 9.9649, 9.1082,
2.3003

■ 26.5545, 28.0031,
51.8664

■ 9.5203, 8.3952,
1.6089

■ 28.6276, 30.0786,
58.9414

■ 9.1426, 7.7500,
1.1432

■ 30.8350, 32.2608,
66.5599

Harmonies

Analogous

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



15.7877, 16.3159, 16.7669



15.5712, 16.3159, 16.5159



15.3398, 16.3159, 16.5930

Triad

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



15.5712, 16.3159, 16.5159



15.0929, 16.3159, 18.2524



15.8658, 16.3159, 18.5742

Complementary

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



15.5712, 16.3159, 16.5159



14.9633, 15.7946, 18.4799

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.



15.6770, 16.3159, 18.9915



15.5712, 16.3159, 16.5159



15.2311, 16.3159, 18.8025

Square

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



15.5712, 16.3159, 16.5159



15.0652, 16.3159, 17.5845



15.4445, 16.3159, 19.0760



15.9590, 16.3159, 17.9473

Rectangle

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



15.5712, 16.3159, 16.5159



15.2081, 16.3159, 16.8209



15.4445, 16.3159, 19.0760



15.8113, 16.3159, 18.7443

Sweetspot

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



15.5717, 16.3166, 16.5163



28.7348, 30.1932, 32.0989



15.3041, 15.5186, 17.2376



6.8631, 7.2122, 7.6816



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.



15.5717, 16.3166, 16.5163



27.6579, 28.9570, 28.9110



15.8468, 16.9577, 16.6255



3.8932, 4.0759, 4.0664



10.2717, 8.5446, 1.1079



49.1923, 39.9130, 5.1113

Inverse Universe

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



14.9633, 15.7946, 18.4799



26.3812, 27.8616, 33.0319



14.6985, 15.1806, 18.3754



3.7120, 3.9204, 4.6513



4.7845, 3.9087, 19.0449



22.4999, 17.4164, 92.5361

Previews

White Background



This preview shows how the XYZ color 15.5712, 16.3159, 16.5159 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 15.5712, 16.3159, 16.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

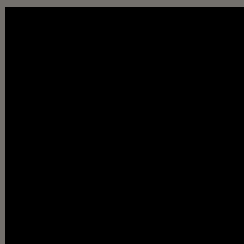
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

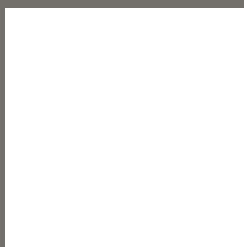
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5712, 16.3159, 16.5159

Background



This preview shows how black text looks on a background with the XYZ color 15.5712, 16.3159, 16.5159.



This preview shows how white text looks on a background with the XYZ color 15.5712, 16.3159,

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

15.5712, 16.3159, 16.5159

Protanopia

15.5712, 16.3159, 16.5159

Deuteranopia

16.6864, 16.4014, 16.7543



Tritanopia

16.2418, 16.2657, 19.7363

Trichromacy



Original Color

15.5712, 16.3159, 16.5159

Protanomaly

15.5712, 16.3159, 16.5159

Deuteranomaly

16.2214, 16.3209, 16.7633

Tritanomaly

15.9814, 16.3197, 18.5274

Monochromacy



Original Color

15.5712, 16.3159, 16.5159

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4735, 16.2467, 17.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5712, 16.3159, 16.5159 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, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(115, 112, 108)  
}
```

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, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 112, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.5712, 16.3159, 16.5159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

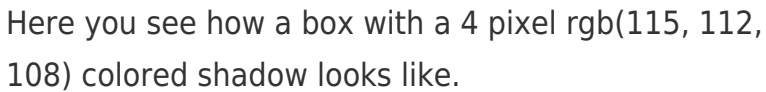
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 112, 108) }
```


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

```
.border{ border-color:rgb(115, 112, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(115, 112,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5712, 16.3159, 16.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 112, 108) }
```

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

```
.background{ background-color: rgb(115,  
112, 108) }
```

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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