

Converting Colors

XYZ(15.0298, 17.7416, 17.9615)

Have a look what the booklet for
XYZ(15.0298, 17.7416, 17.9615)
contains.

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Color

**XYZ(15.0298, 17.7416,
17.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	637A70
RGB	99, 122, 112
RGB Percent	39%, 48%, 44%
CMY	0.6118, 0.5216, 0.5608
CMYK	0.19, 0.00, 0.08, 0.52
HSL	154°, 10%, 43%
HSV	154°, 19%, 48%
XYZ	15.0298, 17.7416, 17.9615
YIQ	113.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

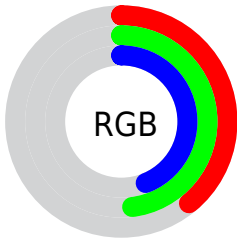
Format	Color
R_{YB}	99, 114, 122
Decimal	6519408
CIE _{Lab}	49.18, -10.57, 2.69
CIE _{LCh}	49, 10.911, 165.707
Yxy	17.7416, 0.2963, 0.3497
Android (android.graphics.Color)	4284709488 (0xFF637A70)
YUV	113.9830, -0.9776, -13.1401
Hunter-Lab	42.1208, -10.0179, 4.2016

Details

The XYZ color **15.0298, 17.7416, 17.9615** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2489, 14.1659, 16.3996**, and the grayscale version is **15.9947, 16.8276, 18.3253**.

A 20% lighter version of the original color is **34.4146, 39.4365, 40.9201**, and **4.7241, 5.8653, 5.7336** is the 20% darker color. If you saturate the color by 10%, you get **13.5097, 16.9916, 16.3938**, and if you desaturate by 10%, it is **16.7697, 18.6039, 19.6312**.

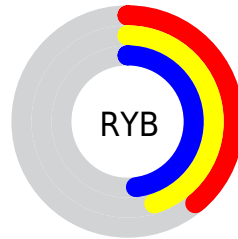
Distribution



Red (39%)

Green (48%)

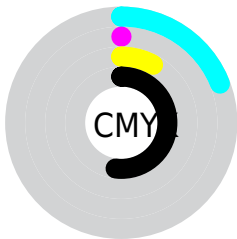
Blue (44%)



Red (39%)

Yellow (45%)

Blue (48%)

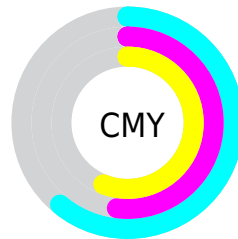


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0298, 17.7416, 17.9615 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 15.0298, 17.7416, 17.9615 by changing the saturation by 10% instead.

■ 15.0298, 17.7416,
17.9615

■ 15.0298, 17.7416,
17.9615

216.9313,
239.4105, 252.8828

■ 8.9268, 10.7646,
10.7532

■ 34.4767, 39.5965,
40.7848

■ 4.7502, 5.9088,
5.7891

■ 48.5512, 55.2433,
57.2368

■ 2.1347, 2.7897,
2.6505

■ 66.0136, 74.5487,
77.6072

■ 0.7080, 1.0230,
0.9184

■ 87.2293, 97.8973,
102.3144

■ 0.0000, 0.0000,
0.0000

112.5635,
125.6734, 131.7770

142.3817,

158.2613, 166.4136

177.0492,
196.0456, 206.6427

■ 15.0298, 17.7416,
17.9615

■ 15.0298, 17.7416,
17.9615

■ 13.5097, 16.9916,
16.3938

■ 16.7697, 18.6039,
19.6312

■ 12.1985, 16.3468,
14.9248

■ 18.7367, 19.5807,
21.4035

■ 11.0869, 15.8030,
13.5528

■ 20.9395, 20.6771,
23.2807

■ 10.1640, 15.3545,
12.2758

■ 23.3859, 21.8968,
25.2646

■ 9.4178, 14.9953,
11.0915

■ 26.0833, 23.2439,
27.3570

■ 8.8350, 14.7184,
9.9976

■ 29.0390, 24.7219,
29.5596

■ 8.4002, 14.5161,
8.9914

■ 32.2596, 26.3343,
31.8740

■ 8.0690, 14.3654,
8.0692

■ 35.7518, 28.0845,
34.3020

■ 8.0325, 14.3488,
7.9684

■ 39.5220, 29.9757,
36.8450

Harmonies

Analogous

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



15.4954, 17.7416, 15.6488



15.0298, 17.7416, 17.9615



15.0414, 17.7416, 20.8811

Triad

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



15.0298, 17.7416, 17.9615



17.4003, 17.7416, 25.2560



18.2724, 17.7416, 15.5637

Complementary

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



15.0298, 17.7416, 17.9615



15.2489, 14.1659, 16.3996

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.



18.8257, 17.7416, 17.8341



15.0298, 17.7416, 17.9615



18.3085, 17.7416, 23.5192

Square

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



15.0298, 17.7416, 17.9615



16.3825, 17.7416, 25.2990



18.8392, 17.7416, 20.7403



17.3526, 17.7416, 14.3621

Rectangle

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



15.0298, 17.7416, 17.9615



15.3173, 17.7416, 22.7910



18.8392, 17.7416, 20.7403



18.5090, 17.7416, 16.2163

Sweetspot

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



15.0303, 17.7423, 17.9619



30.3987, 33.1734, 35.3619



15.5621, 18.0942, 14.4771



6.9136, 7.5667, 8.0516



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.



15.0303, 17.7423, 17.9619



25.1369, 30.5679, 30.2799



15.4783, 17.6969, 21.0133



4.0369, 4.4844, 4.7280



8.4523, 15.1046, 8.3669



39.8851, 71.8771, 37.6287

Inverse Universe

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



15.2489, 14.1659, 16.3996



25.6024, 22.9558, 26.9555



14.8504, 14.1821, 13.7595



4.0639, 4.0413, 4.5344



9.1239, 4.6257, 3.9432



43.1104, 21.9005, 16.6431

Previews

White Background



This preview shows how the XYZ color 15.0298, 17.7416, 17.9615 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 15.0298, 17.7416, 17.9615 looks on a black 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

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

XYZ 15.0298, 17.7416, 17.9615

Background



This preview shows how black text looks on a background with the XYZ color 15.0298, 17.7416, 17.9615.



This preview shows how white text looks on a background with the XYZ color 15.0298, 17.7416,

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

15.0298, 17.7416, 17.9615

Protanopia

16.8909, 17.6599, 16.9864

Deuteranopia

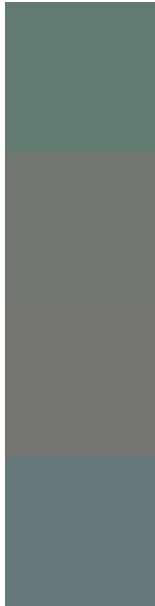
17.9957, 17.6923, 18.3861



Tritanopia

16.0388, 17.6034, 23.3213

Trichromacy



Original Color

15.0298, 17.7416, 17.9615

Protanomaly

16.1030, 17.5934, 17.2990

Deuteranomaly

16.6972, 17.5346, 18.1273

Tritanomaly

15.6585, 17.6297, 21.3165

Monochromacy



Original Color

15.0298, 17.7416, 17.9615

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6486, 17.1660, 18.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0298, 17.7416, 17.9615 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(99, 122, 112) looks like.

```
.text, #text, p{  
    color:rgb(99, 122, 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(99, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 122, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.0298, 17.7416, 17.9615 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(99, 122, 112) }
```


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

```
.border{ border-color:rgb(99, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 122, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 122, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 122,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0298, 17.7416, 17.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 122, 112) }
```

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

```
.background{ background-color: rgb(99, 122,  
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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