

Converting Colors

XYZ(15.1619, 17.7296, 18.6162)

Have a look what the booklet for
XYZ(15.1619, 17.7296, 18.6162)
contains.

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Color

**XYZ(15.1424, 17.7866,
18.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	637A72
RGB	99, 122, 114
RGB Percent	39%, 48%, 45%
CMY	0.6118, 0.5216, 0.5529
CMYK	0.19, 0.00, 0.07, 0.52
HSL	159°, 10%, 43%
HSV	159°, 19%, 48%
XYZ	15.1424, 17.7866, 18.5547
YIQ	114.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

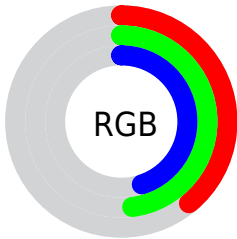
Format	Color
R_{YB}	99, 113, 122
Decimal	6519410
CIE _{Lab}	49.24, -10.14, 1.59
CIE _{LCh}	49, 10.262, 171.062
Yxy	17.7866, 0.2941, 0.3455
Android (android.graphics.Color)	4284709490 (0xFF637A72)
YUV	114.2110, -0.1040, -13.3400
Hunter-Lab	42.1742, -9.7153, 3.4370

Details

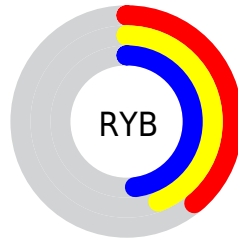
The XYZ color **15.1424, 17.7866, 18.5547** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1423, 14.1233, 15.8387**, and the grayscale version is **16.0607, 16.8971, 18.4009**.

A 20% lighter version of the original color is **34.5967, 39.5093, 41.8790**, and **4.7821, 5.8885, 6.0388** is the 20% darker color. If you saturate the color by 10%, you get **13.6730, 17.0569, 17.2542**, and if you desaturate by 10%, it is **16.8254, 18.6261, 19.9244**.

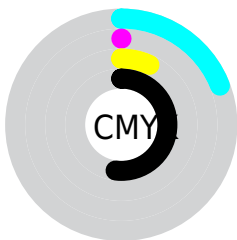
Distribution



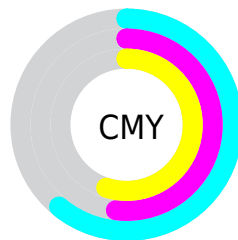
- Red (39%)
- Green (48%)
- Blue (45%)



- Red (39%)
- Yellow (44%)
- Blue (48%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1424, 17.7866, 18.5547 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 15.1424, 17.7866, 18.5547 by changing the saturation by 10% instead.

■ 15.1424, 17.7866,
18.5547

■ 15.1424, 17.7866,
18.5547

217.5978,
239.6655, 256.3196

■ 9.0064, 10.7969,
11.1754

■ 34.6724, 39.6734,
41.8069

■ 4.8025, 5.9304,
6.0693

■ 48.7971, 55.3392,
58.5169

■ 2.1654, 2.8028,
2.8178

■ 66.3153, 74.6659,
79.1742

■ 0.7244, 1.0297,
1.0024

■ 87.5925, 98.0378,
104.1974

■ 0.0000, 0.0000,
0.0000

112.9940,
125.8393, 134.0050

142.8852,

158.4548, 169.0155

177.6313,
196.2687, 209.6475

■ 15.1424, 17.7866,
18.5547

■ 15.1424, 17.7866,
18.5547

■ 13.6730, 17.0569,
17.2542

■ 16.8254, 18.6261,
19.9244

■ 12.4066, 16.4300,
16.0206

■ 18.7291, 19.5776,
21.3634

■ 11.3338, 15.9017,
14.8531

■ 20.8621, 20.6460,
22.8732

■ 10.4440, 15.4664,
13.7502

■ 23.2321, 21.8353,
24.4549

■ 9.7252, 15.1182,
12.7106

■ 25.8464, 23.1491,
26.1095

■ 9.1645, 14.8502,
11.7328

■ 28.7120, 24.5910,
27.8382

■ 8.7465, 14.6546,
10.8153

■ 31.8356, 26.1646,
29.6418

■ 8.4271, 14.5086,
9.9551

■ 35.2237, 27.8732,
31.5214

■ 8.3917, 14.4924,
9.8598

■ 38.8825, 29.7199,
33.4780

Harmonies

Analogous

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



15.5065, 17.7866, 16.2226



15.1424, 17.7866, 18.5547



15.2366, 17.7866, 21.3347

Triad

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



15.1424, 17.7866, 18.5547



17.5795, 17.7866, 24.7461



18.0957, 17.7866, 15.5293

Complementary

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



15.1424, 17.7866, 18.5547



15.1423, 14.1233, 15.8387

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.



18.6923, 17.7866, 17.5234



15.1424, 17.7866, 18.5547



18.3865, 17.7866, 22.8925

Square

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



15.1424, 17.7866, 18.5547



16.6197, 17.7866, 25.0889



18.8007, 17.7866, 20.2018



17.1948, 17.7866, 14.5881

Rectangle

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



15.1424, 17.7866, 18.5547



15.5482, 17.7866, 23.0613



18.8007, 17.7866, 20.2018



18.3399, 17.7866, 16.0892

Sweetspot

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



15.1429, 17.7873, 18.5551



30.4677, 33.2010, 35.7250



15.2817, 17.9496, 14.4639



6.9305, 7.5735, 8.1409



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.



15.1429, 17.7873, 18.5551



25.3784, 30.6645, 31.5518



15.2024, 17.1453, 20.9213



4.0506, 4.4899, 4.8005



8.8307, 15.2559, 10.3593



41.7098, 72.6069, 47.2373

Inverse Universe

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



15.1423, 14.1233, 15.8387



25.3776, 22.8659, 25.7719



15.0745, 14.6304, 13.8341



4.0505, 4.0359, 4.4638



8.8948, 4.5341, 2.7370



42.0621, 21.4812, 11.1228

Previews

White Background



This preview shows how the XYZ color 15.1424, 17.7866, 18.5547 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 15.1424, 17.7866, 18.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

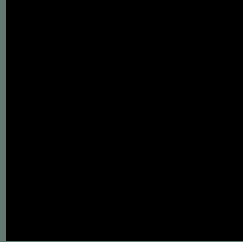
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.1424, 17.7866, 18.5547

Background



This preview shows how black text looks on a background with the XYZ color 15.1424, 17.7866, 18.5547.



This preview shows how white text looks on a background with the XYZ color 15.1424, 17.7866,

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

15.1424, 17.7866, 18.5547

Protanopia

16.8604, 17.6315, 17.5535

Deuteranopia

17.9596, 17.6604, 18.9852



Tritanopia

16.1584, 17.8427, 23.3612

Trichromacy



Original Color

15.1424, 17.7866, 18.5547

Protanomaly

16.0852, 17.5715, 17.8731

Deuteranomaly

16.6760, 17.5105, 18.7206

Tritanomaly

15.8423, 17.8967, 21.6882

Monochromacy



Original Color

15.1424, 17.7866, 18.5547

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7052, 17.1887, 18.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1424, 17.7866, 18.5547 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, 114) looks like.

```
.text, #text, p{  
    color:rgb(99, 122, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 122, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.1424, 17.7866, 18.5547 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, 114) }
```


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

```
.border{ border-color:rgb(99, 122, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(99, 122,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1424, 17.7866, 18.5547 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, 114) }
```

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

```
.background{ background-color: rgb(99, 122,  
114) }
```

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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