

Converting Colors

XYZ(15.4470, 17.7905, 18.8575)

Have a look what the booklet for
XYZ(15.4470, 17.7905, 18.8575)
contains.

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Color

**XYZ(15.4114, 17.7373,
18.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	667973
RGB	102, 121, 115
RGB Percent	40%, 47%, 45%
CMY	0.6000, 0.5255, 0.5490
CMYK	0.16, 0.00, 0.05, 0.53
HSL	161°, 9%, 44%
HSV	161°, 16%, 47%
XYZ	15.4114, 17.7373, 18.8310
YIQ	114.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

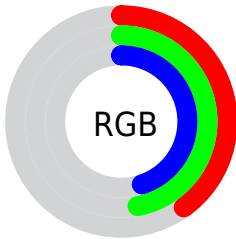
Format	Color
R_{YB}	102, 113, 121
Decimal	6715763
CIE _{Lab}	49.18, -8.28, 0.94
CIE _{LCh}	49, 8.335, 173.507
Yxy	17.7373, 0.2965, 0.3412
Android (android.graphics.Color)	4284905843 (0xFF667973)
YUV	114.6350, 0.1799, -11.0809
Hunter-Lab	42.1157, -8.3839, 2.9709

Details

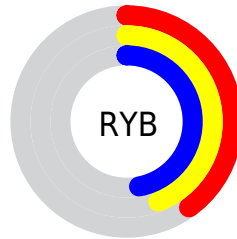
The XYZ color **15.4114, 17.7373, 18.8310** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3440, 14.6510, 16.2075**, and the grayscale version is **16.1872, 17.0302, 18.5459**.

A 20% lighter version of the original color is **35.0555, 39.4495, 42.3261**, and **4.9060, 5.8522, 6.1812** is the 20% darker color. If you saturate the color by 10%, you get **13.9236, 16.9957, 17.6372**, and if you desaturate by 10%, it is **17.1095, 18.5872, 20.0830**.

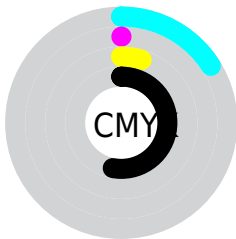
Distribution



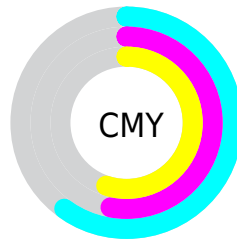
- Red (40%)
- Green (47%)
- Blue (45%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4114, 17.7373, 18.8310 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 15.4114, 17.7373, 18.8310 by changing the saturation by 10% instead.

■ 15.4114, 17.7373,
18.8310

■ 15.4114, 17.7373,
18.8310

219.1823,
239.3861, 257.9058

■ 9.1968, 10.7615,
11.3727

■ 35.1391, 39.5892,
42.2812

■ 4.9279, 5.9067,
6.2008

■ 49.3828, 55.2341,
59.1102

■ 2.2394, 2.7884,
2.8968

■ 67.0337, 74.5375,
79.8997

■ 0.7634, 1.0223,
1.0422

■ 88.4571, 97.8839,
105.0685

■ 0.0000, 0.0000,
0.0000

114.0183,
125.6575, 135.0349

144.0827,

158.2428, 170.2176

179.0155,
196.0242, 211.0350

■ 15.4114, 17.7373,
18.8310

■ 15.4114, 17.7373,
18.8310

■ 13.9236, 16.9957,
17.6372

■ 17.1095, 18.5872,
20.0830

■ 12.6359, 16.3557,
16.4995

■ 19.0246, 19.5475,
21.3929

■ 11.5395, 15.8133,
15.4172

■ 21.1651, 20.6229,
22.7621

■ 10.6240, 15.3632,
14.3893

■ 23.5383, 21.8171,
24.1914

■ 9.8785, 14.9996,
13.4146

■ 26.1511, 23.1338,
25.6818

■ 9.2905, 14.7163,
12.4919

■ 29.0105, 24.5765,
27.2340

■ 8.8459, 14.5060,
11.6199

■ 32.1228, 26.1484,
28.8489

■ 8.5197, 14.3557,
10.7969

■ 35.4942, 27.8528,
30.5272

■ 8.3906, 14.2965,
10.4569

■ 39.1308, 29.6927,
32.2699

Harmonies

Analogous

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



15.6810, 17.7373, 16.8682



15.4114, 17.7373, 18.8310



15.5199, 17.7373, 21.0781

Triad

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



15.4114, 17.7373, 18.8310



17.4644, 17.7373, 23.5277



17.7670, 17.7373, 16.0600

Complementary

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



15.4114, 17.7373, 18.8310



15.3440, 14.6510, 16.2075

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.



18.2725, 17.7373, 17.6491



15.4114, 17.7373, 18.8310



18.0941, 17.7373, 21.9831

Square

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



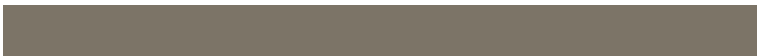
15.4114, 17.7373, 18.8310



16.6897, 17.7373, 23.9051



18.3940, 17.7373, 19.8030



17.0290, 17.7373, 15.3500

Rectangle

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



15.4114, 17.7373, 18.8310



15.7937, 17.7373, 22.4250



18.3940, 17.7373, 19.8030



17.9707, 17.7373, 16.5029

Sweetspot

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



15.4119, 17.7380, 18.8314



30.8247, 33.3773, 36.0944



15.4226, 17.8240, 15.1983



7.0065, 7.6109, 8.2235



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.



15.4119, 17.7380, 18.8314



26.5491, 31.2393, 32.9021



15.3529, 17.0493, 20.5716



4.0557, 4.4919, 4.8273



8.9862, 15.3182, 11.1784



42.4668, 72.9097, 51.2233

Inverse Universe

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



15.3440, 14.6510, 16.2075



26.4022, 24.5555, 27.2221



15.3850, 15.2267, 14.6990



4.0456, 4.0340, 4.4380



8.8241, 4.5058, 2.3649



41.7464, 21.3549, 9.4606

Previews

White Background



This preview shows how the XYZ color 15.4114, 17.7373, 18.8310 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 15.4114, 17.7373, 18.8310 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 15.4114, 17.7373, 18.8310

Background



This preview shows how black text looks on a background with the XYZ color 15.4114, 17.7373, 18.8310.

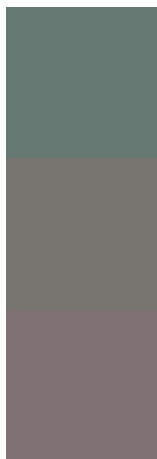


This preview shows how white text looks on a background with the XYZ color 15.4114, 17.7373,

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

15.4114, 17.7373, 18.8310

Protanopia

16.9158, 17.6537, 17.8452

Deuteranopia

18.0181, 17.6838, 19.2933



Tritanopia

16.2020, 17.6952, 22.9837

Trichromacy



Original Color

15.4114, 17.7373, 18.8310

Protanomaly

16.2691, 17.6598, 18.1740

Deuteranomaly

17.0055, 17.6737, 19.0381

Tritanomaly

15.8851, 17.7466, 21.3271

Monochromacy



Original Color

15.4114, 17.7373, 18.8310

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8862, 17.2754, 18.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4114, 17.7373, 18.8310 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(102, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(102, 121, 115)  
}
```

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(102, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 121, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.4114, 17.7373, 18.8310 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(102, 121, 115) }
```


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

```
.border{ border-color:rgb(102, 121, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 121, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(102, 121,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4114, 17.7373, 18.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 121, 115) }
```

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

```
.background{ background-color: rgb(102,  
121, 115) }
```

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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