

Converting Colors

XYZ(15.5939, 18.1281, 16.9779)

Have a look what the booklet for
XYZ(15.5939, 18.1281, 16.9779)
contains.

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Color

**XYZ(15.4920, 18.0050,
16.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	697A6C
RGB	105, 122, 108
RGB Percent	41%, 48%, 42%
CMY	0.5882, 0.5216, 0.5765
CMYK	0.14, 0.00, 0.11, 0.52
HSL	131°, 7%, 45%
HSV	131°, 14%, 48%
XYZ	15.4920, 18.0050, 16.8462
YIQ	115.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

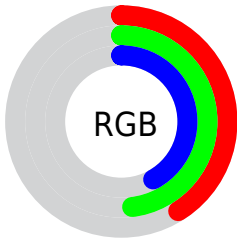
Format	Color
RYB	105, 119, 122
Decimal	6912620
CIELab	49.50, -9.21, 5.57
CIElCh	50, 10.764, 148.861
Yxy	18.0050, 0.3077, 0.3576
Android (android.graphics.Color)	4285102700 (0xFF697A6C)
YUV	115.3210, -3.6093, -9.0515
Hunter-Lab	42.4323, -9.0863, 6.1637

Details

The XYZ color **15.4920, 18.0050, 16.8462** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4080, 15.5731, 19.5946**, and the grayscale version is **16.4054, 17.2598, 18.7959**.

A 20% lighter version of the original color is **35.1044, 39.8432, 38.6412**, and **4.9698, 6.0015, 5.3114** is the 20% darker color. If you saturate the color by 10%, you get **13.6563, 17.1175, 14.1281**, and if you desaturate by 10%, it is **17.5959, 19.0247, 19.8994**.

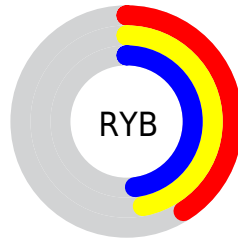
Distribution



Red (41%)

Green (48%)

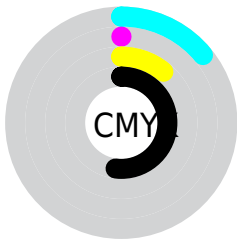
Blue (42%)



Red (41%)

Yellow (47%)

Blue (48%)

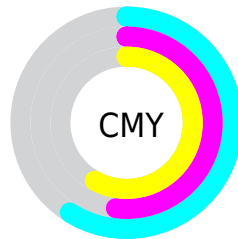


Cyan (14%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (59%)

Magenta (52%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4920, 18.0050, 16.8462 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 15.4920, 18.0050, 16.8462 by changing the saturation by 10% instead.

■ 15.4920, 18.0050,
16.8462

■ 15.4920, 18.0050,
16.8462

219.6550,
240.8992, 246.2984

■ 9.2540, 10.9536,
9.9641

■ 35.2786, 40.0458,
38.8482

■ 4.9656, 6.0356,
5.2699

■ 49.5579, 55.8041,
54.8051

■ 2.2617, 2.8668,
2.3450

■ 67.2484, 75.2333,
74.6241

■ 0.7749, 1.0626,
0.7562

■ 88.7153, 98.7180,
98.7237

■ 0.0000, 0.0000,
0.0000

114.3241,
126.6426, 127.5223

144.4400,

159.3914, 161.4386

179.4285,
197.3488, 200.8911

■ 15.4920, 18.0050,
16.8462

■ 15.4920, 18.0050,
16.8462

■ 13.6563, 17.1175,
14.1281

■ 17.5959, 19.0247,
19.8994

■ 12.0766, 16.3545,
11.7325

■ 19.9768, 20.1794,
23.2973

■ 10.7419, 15.7111,
9.6477

■ 22.6448, 21.4745,
27.0506

■ 9.6396, 15.1813,
7.8610

■ 25.6090, 22.9145,
31.1692

■ 8.7563, 14.7583,
6.3588

■ 28.8782, 24.5038,
35.6628

■ 8.0770, 14.4347,
5.1263

■ 32.4609, 26.2465,
40.5403

■ 7.5848, 14.2021,
4.1475

■ 36.3651, 28.1465,
45.8108

■ 7.2576, 14.0495,
3.4044

■ 40.5986, 30.2078,
51.4827

■ 7.1002, 13.9759,
3.0589

■ 45.1688, 32.4340,
57.5643

Harmonies

Analogous

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



16.1857, 18.0050, 15.0935



15.4920, 18.0050, 16.8462



15.2299, 18.0050, 19.4932

Triad

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



15.4920, 18.0050, 16.8462



17.0743, 18.0050, 25.7599



18.8853, 18.0050, 17.0212

Complementary

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



15.4920, 18.0050, 16.8462



16.4080, 15.5731, 19.5946

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.



19.1457, 18.0050, 19.7160



15.4920, 18.0050, 16.8462



18.0755, 18.0050, 24.9349

Square

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



15.4920, 18.0050, 16.8462



16.1209, 18.0050, 24.8043



18.8438, 18.0050, 22.6483



18.1454, 18.0050, 15.1873

Rectangle

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



15.4920, 18.0050, 16.8462



15.3270, 18.0050, 21.4729



18.8438, 18.0050, 22.6483



19.0330, 18.0050, 17.8475

Sweetspot

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



15.4925, 18.0058, 16.8466



30.8918, 33.4380, 34.9162



17.1407, 18.8736, 16.1044



7.0063, 7.6179, 7.9013



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.



15.4925, 18.0058, 16.8466



26.0801, 31.1076, 27.9097



15.9576, 18.1918, 19.2958



3.9771, 4.4605, 4.4133



7.4726, 14.7127, 3.2076



35.4169, 70.0898, 14.0994

Inverse Universe

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



16.4080, 15.5731, 19.5946



28.0458, 25.8835, 33.8097



15.9291, 15.3815, 17.0727



4.1256, 4.0660, 4.8590



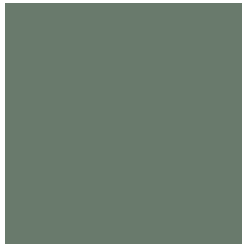
10.8933, 5.3335, 13.2610



51.6810, 25.3287, 61.7753

Previews

White Background



This preview shows how the XYZ color 15.4920, 18.0050, 16.8462 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 15.4920, 18.0050, 16.8462 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

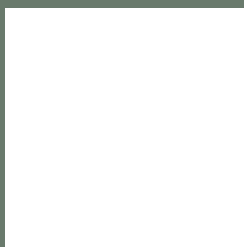
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4920, 18.0050, 16.8462

Background



This preview shows how black text looks on a background with the XYZ color 15.4920, 18.0050, 16.8462.

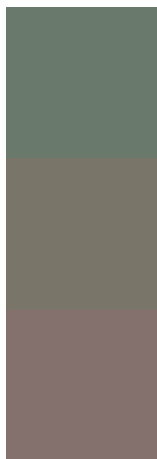


This preview shows how white text looks on a background with the XYZ color 15.4920, 18.0050,

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

15.4920, 18.0050, 16.8462

Protanopia

16.9371, 17.8801, 15.9231

Deuteranopia

18.2353, 17.8416, 17.2345



Tritanopia

16.7436, 17.9668, 23.3543

Trichromacy



Original Color

15.4920, 18.0050, 16.8462

Protanomaly

16.4008, 17.9473, 16.2354

Deuteranomaly

17.0317, 17.7325, 16.9930

Tritanomaly

16.2311, 17.9392, 20.6963

Monochromacy



Original Color

15.4920, 18.0050, 16.8462

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9586, 17.5062, 17.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4920, 18.0050, 16.8462 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(105, 122, 108)` looks like.

```
.text, #text, p{  
    color:rgb(105, 122, 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(105, 122, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 122, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.4920, 18.0050, 16.8462 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(105, 122, 108) }
```


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

```
.border{ border-color:rgb(105, 122, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 122, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 122, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 122, 108);  
box-shadow:4px 4px 4px 4px rgb(105, 122,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4920, 18.0050, 16.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 122, 108) }
```

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

```
.background{ background-color: rgb(105,  
122, 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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