

Converting Colors

XYZ(15.2463, 17.1306, 16.7303)

Have a look what the booklet for
XYZ(15.2463, 17.1306, 16.7303)
contains.

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Color

**XYZ(15.2486, 17.1654,
16.6969)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6B766C |
| RGB | 107, 118, 108 |
| RGB Percent | 42%, 46%, 42% |
| CMY | 0.5804, 0.5372, 0.5765 |
| CMYK | 0.09, 0.00, 0.08, 0.54 |
| HSL | 125°, 5%, 44% |
| HSV | 125°, 9%, 46% |
| XYZ | 15.2486, 17.1654, 16.6969 |
| YIQ | 113.5710, -3.3460, -5.4420 |

Conversions

Conversions Part 2

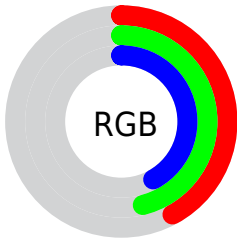
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 117, 118 |
| Decimal | 7042668 |
| CIE Lab | 48.47, -6.19, 4.10 |
| CIE LCh | 48, 7.427, 146.486 |
| Yxy | 17.1654, 0.3105, 0.3495 |
| Android (android.graphics.Color) | 4285232748 (0xFF6B766C) |
| YUV | 113.5710, -2.7465, -5.7628 |
| Hunter-Lab | 41.4311, -6.8082, 5.1077 |

Details

The XYZ color **15.2486, 17.1654, 16.6969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9404, 15.6517, 19.0114**, and the grayscale version is **15.8749, 16.7017, 18.1881**.

A 20% lighter version of the original color is **34.7333, 38.5218, 38.4057**, and **4.8959, 5.6779, 5.2528** is the 20% darker color. If you saturate the color by 10%, you get **13.3894, 16.2694, 13.8108**, and if you desaturate by 10%, it is **17.3727, 18.1908, 19.9629**.

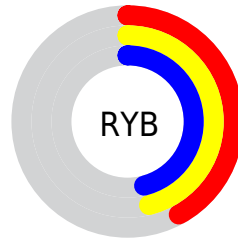
Distribution



Red (42%)

Green (46%)

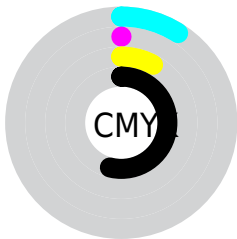
Blue (42%)



Red (42%)

Yellow (46%)

Blue (46%)

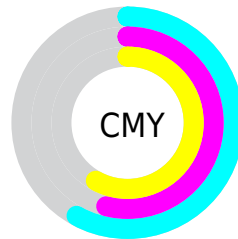


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2486, 17.1654, 16.6969 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 15.2486, 17.1654, 16.6969 by changing the saturation by 10% instead.

■ 15.2486, 17.1654,
16.6969

■ 15.2486, 17.1654,
16.6969

218.2247,
236.1237, 245.4041

■ 9.0815, 10.3525,
9.8590

■ 34.8568, 38.6099,
38.5874

■ 4.8519, 5.6333,
5.2012

■ 49.0286, 54.0103,
54.4770

■ 2.1945, 2.6234,
2.3050

■ 66.5993, 73.0421,
74.2209

■ 0.7398, 0.9384,
0.7340

■ 87.9344, 96.0894,
98.2377

■ 0.0000, 0.0000,
0.0000

113.3991,
123.5369, 126.9459

143.3588,

155.7689, 160.7640

178.1789,
193.1697, 200.1106

■ 15.2486, 17.1654,
16.6969

■ 15.2486, 17.1654,
16.6969

■ 13.3894, 16.2694,
13.8108

■ 17.3727, 18.1908,
19.9629

■ 11.7833, 15.4955,
11.2898

■ 19.7700, 19.3482,
23.6207

■ 10.4197, 14.8392,
9.1195

■ 22.4503, 20.6428,
27.6830

■ 9.2869, 14.2947,
7.2845

■ 25.4223, 22.0789,
32.1619

■ 8.3721, 13.8557,
5.7681

■ 28.6946, 23.6606,
37.0686

■ 7.6611, 13.5153,
4.5521

■ 32.2751, 25.3918,
42.4141

■ 7.1383, 13.2660,
3.6165

■ 36.1718, 27.2764,
48.2090

■ 6.7855, 13.0987,
2.9389

■ 40.3921, 29.3180,
54.4634

■ 6.5518, 12.9879,
2.4922

■ 44.9433, 31.5201,
61.1872

Harmonies

Analogous

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



15.7387, 17.1654, 15.5334



15.2486, 17.1654, 16.6969



15.0440, 17.1654, 18.4615

Triad

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



15.2486, 17.1654, 16.6969



16.2351, 17.1654, 22.6847



17.5143, 17.1654, 17.0686

Complementary

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



15.2486, 17.1654, 16.6969



15.9404, 15.6517, 19.0114

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.



17.6561, 17.1654, 18.9208



15.2486, 17.1654, 16.6969



16.9056, 17.1654, 22.2482

Square

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



15.2486, 17.1654, 16.6969



15.6035, 17.1654, 21.9912



17.4304, 17.1654, 20.8362



17.0482, 17.1654, 15.7372

Rectangle

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



15.2486, 17.1654, 16.6969



15.0926, 17.1654, 19.7737



17.4304, 17.1654, 20.8362



17.6021, 17.1654, 17.6470

Sweetspot

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



15.2491, 17.1661, 16.6973



29.0893, 31.2811, 32.8662



16.4804, 17.8070, 16.4786



6.6267, 7.1624, 7.4621



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.



15.2491, 17.1661, 16.6973



26.1380, 29.8573, 28.3165



15.5465, 17.2851, 18.2636



3.6529, 4.1031, 4.0061



7.0699, 14.0420, 2.6583



34.3064, 68.3698, 12.1845

Inverse Universe

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



15.9404, 15.6517, 19.0114



27.5892, 26.6782, 33.1739



15.6309, 15.5279, 17.3817



3.8130, 3.7525, 4.5419



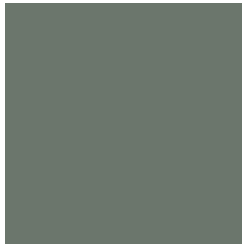
10.9670, 5.3205, 15.5665



53.2785, 25.8615, 74.9871

Previews

White Background



This preview shows how the XYZ color 15.2486, 17.1654, 16.6969 looks on a white background.

Color Contrast Check

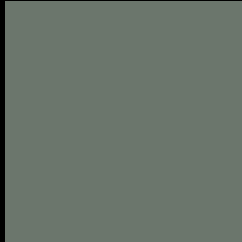
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2486, 17.1654, 16.6969 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

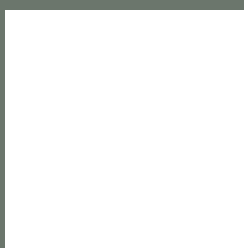
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2486, 17.1654, 16.6969

Background



This preview shows how black text looks on a background with the XYZ color 15.2486, 17.1654, 16.6969.

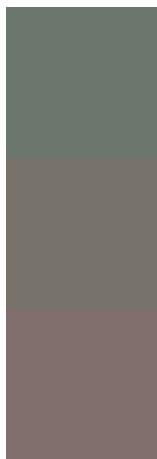


This preview shows how white text looks on a background with the XYZ color 15.2486, 17.1654,

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

15.2486, 17.1654, 16.6969

Protanopia

16.3400, 17.2240, 16.0990

Deuteranopia

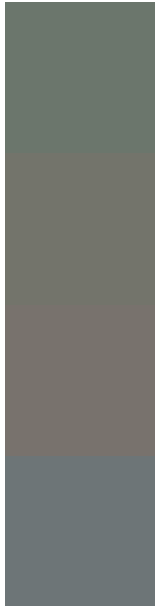
17.3468, 17.0622, 16.8471



Tritanopia

16.3775, 17.2864, 21.8755

Trichromacy



Original Color

15.2486, 17.1654, 16.6969

Protanomaly

15.9695, 17.1972, 16.3876

Deuteranomaly

16.5234, 17.1318, 16.9039

Tritanomaly

15.9977, 17.3057, 19.9499

Monochromacy



Original Color

15.2486, 17.1654, 16.6969

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6109, 16.8108, 17.7513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2486, 17.1654, 16.6969 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(107, 118, 108)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 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(107, 118, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.2486, 17.1654, 16.6969 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(107, 118, 108) }
```


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

```
.border{ border-color:rgb(107, 118, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 118, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 118, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 118, 108);  
box-shadow:4px 4px 4px 4px rgb(107, 118,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2486, 17.1654, 16.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 108) }
```

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

```
.background{ background-color: rgb(107,  
118, 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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