

Converting Colors

XYZ(15.1034, 16.4893, 16.9612)

Have a look what the booklet for
XYZ(15.1034, 16.4893, 16.9612)
contains.

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Color

**XYZ(15.0754, 16.5537,
16.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	6C736D
RGB	108, 115, 109
RGB Percent	42%, 45%, 43%
CMY	0.5765, 0.5490, 0.5725
CMYK	0.06, 0.00, 0.05, 0.55
HSL	129°, 3%, 44%
HSV	129°, 6%, 45%
XYZ	15.0754, 16.5537, 16.8686
YIQ	112.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

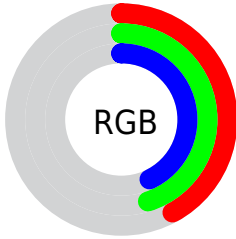
Format	Color
RYB	108, 114, 115
Decimal	7107437
CIELab	47.69, -3.88, 2.40
CIELCh	48, 4.565, 148.300
Yxy	16.5537, 0.3108, 0.3413
Android (android.graphics.Color)	4285297517 (0xFF6C736D)
YUV	112.2230, -1.5889, -3.7036
Hunter-Lab	40.6862, -5.0616, 3.8986

Details

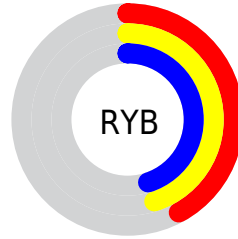
The XYZ color **15.0754, 16.5537, 16.8686** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4707, 15.5853, 18.1133**, and the grayscale version is **15.4719, 16.2777, 17.7264**.

A 20% lighter version of the original color is **34.4620, 37.5464, 38.6886**, and **4.8011, 5.3542, 5.3378** is the 20% darker color. If you saturate the color by 10%, you get **13.2667, 15.6797, 14.1674**, and if you desaturate by 10%, it is **17.1291, 17.5481, 19.8927**.

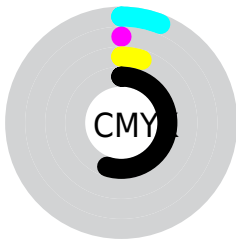
Distribution



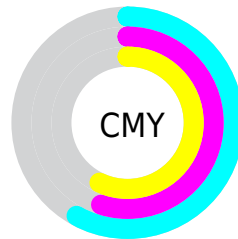
- Red (42%)
- Green (45%)
- Blue (43%)



- Red (42%)
- Yellow (45%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0754, 16.5537, 16.8686 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 15.0754, 16.5537, 16.8686 by changing the saturation by 10% instead.

■ 15.0754, 16.5537,
16.8686

■ 15.0754, 16.5537,
16.8686

217.2015,
232.5872, 246.4323

■ 8.9590, 9.9168,
9.9799

■ 34.5560, 37.5568,
38.8873

■ 4.7713, 5.3438,
5.2802

■ 48.6508, 52.6918,
54.8543

■ 2.1471, 2.4504,
2.3510

■ 66.1359, 71.4284,
74.6845

■ 0.7146, 0.8516,
0.7596

■ 87.3765, 94.1508,
98.7965

■ 0.0000, 0.0000,
0.0000

112.7380,
121.2434, 127.6087

142.5858,

153.0908, 161.5397

177.2851,
190.0773, 201.0080

■ 15.0754, 16.5537,
16.8686

■ 15.0754, 16.5537,
16.8686

■ 13.2667, 15.6797,
14.1674

■ 17.1291, 17.5481,
19.8927

■ 11.6925, 14.9194,
11.7774

■ 19.4350, 18.6649,
23.2488

■ 10.3436, 14.2689,
9.6877

■ 22.0019, 19.9090,
26.9470

■ 9.2095, 13.7229,
7.8865

■ 24.8376, 21.2842,
30.9965

■ 8.2792, 13.2761,
6.3610

■ 27.9495, 22.7940,
35.4062

■ 7.5402, 12.9224,
5.0977

■ 31.3450, 24.4422,
40.1849

■ 6.9792, 12.6551,
4.0817

■ 35.0309, 26.2321,
45.3408

■ 6.5808, 12.4666,
3.2968

■ 39.0140, 28.1669,
50.8820

■ 6.3161, 12.3426,
2.7243

■ 43.3008, 30.2499,
56.8164

Harmonies

Analogous

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



15.3646, 16.5537, 16.1165



15.0754, 16.5537, 16.8686



14.9622, 16.5537, 17.9576

Triad

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



15.0754, 16.5537, 16.8686



15.7105, 16.5537, 20.3657



16.4350, 16.5537, 16.9793

Complementary

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



15.0754, 16.5537, 16.8686



15.4707, 15.5853, 18.1133

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.



16.5315, 16.5537, 18.0909



15.0754, 16.5537, 16.8686



16.1089, 16.5537, 20.0767

Square

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



15.0754, 16.5537, 16.8686



15.3250, 16.5537, 20.0051



16.4111, 16.5537, 19.2313



16.1498, 16.5537, 16.1785

Rectangle

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



15.0754, 16.5537, 16.8686



15.0003, 16.5537, 18.7393



16.4111, 16.5537, 19.2313



16.4908, 16.5537, 17.3275

Sweetspot

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



15.0759, 16.5544, 16.8690



28.4252, 30.3345, 32.3203



15.7863, 16.9268, 16.6228



6.7948, 7.2433, 7.7304



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.



15.0759, 16.5544, 16.8690



26.6190, 29.4606, 29.6478



15.2644, 16.6298, 17.8620



3.7458, 4.1475, 4.1710



7.1137, 14.0595, 2.8889



34.4681, 68.4345, 13.0362

Inverse Universe

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



15.4707, 15.5853, 18.1133



27.4474, 27.4274, 32.2587



15.2788, 15.5086, 17.1028



3.8634, 3.8589, 4.5415



10.6287, 5.1852, 13.7846



51.5541, 25.1717, 65.9062

Previews

White Background



This preview shows how the XYZ color 15.0754, 16.5537, 16.8686 looks on a white background.

Color Contrast Check

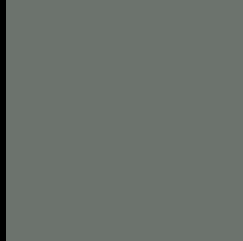
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0754, 16.5537, 16.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

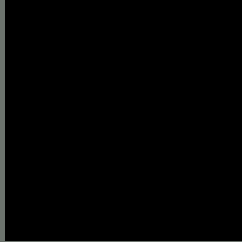
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

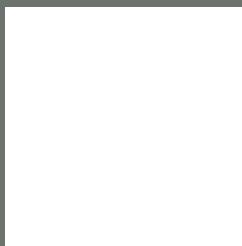
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0754, 16.5537, 16.8686

Background



This preview shows how black text looks on a background with the XYZ color 15.0754, 16.5537, 16.8686.

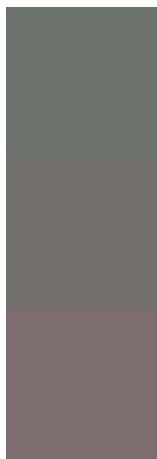


This preview shows how white text looks on a background with the XYZ color 15.0754, 16.5537,

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

15.0754, 16.5537, 16.8686

Protanopia

15.8144, 16.6060, 16.5591

Deuteranopia

16.7406, 16.4230, 17.0395



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

15.0754, 16.5537, 16.8686

Protanomaly

15.5341, 16.6280, 16.5782

Deuteranomaly

16.1067, 16.4166, 17.0717

Tritanomaly

15.5349, 16.5702, 19.2092

Monochromacy



Original Color

15.0754, 16.5537, 16.8686

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3299, 16.3375, 17.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0754, 16.5537, 16.8686 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(108, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 109)  
}
```

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(108, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.0754, 16.5537, 16.8686 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(108, 115, 109) }
```


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

```
.border{ border-color:rgb(108, 115, 109) }
```

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

Here you see how a box with a 4 pixel rgb(108, 115, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0754, 16.5537, 16.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 109) }
```

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

```
.background{ background-color: rgb(108,  
115, 109) }
```

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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