

Converting Colors

XYZ(15.7166, 17.2396, 17.4987)

Have a look what the booklet for
XYZ(15.7166, 17.2396, 17.4987)
contains.

XYZ(15.6609, 17.1853, 17.5306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6609, 17.1853,
17.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	6E756F
RGB	110, 117, 111
RGB Percent	43%, 46%, 44%
CMY	0.5686, 0.5412, 0.5647
CMYK	0.06, 0.00, 0.05, 0.54
HSL	129°, 3%, 45%
HSV	129°, 6%, 46%
XYZ	15.6609, 17.1853, 17.5306
YIQ	114.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

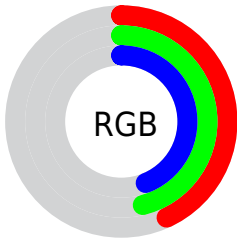
Format	Color
R_{YB}	110, 116, 117
Decimal	7239023
CIE Lab	48.49, -3.87, 2.39
CIE LCh	48, 4.551, 148.310
Yxy	17.1853, 0.3109, 0.3411
Android (android.graphics.Color)	4285429103 (0xFF6E756F)
YUV	114.2230, -1.5889, -3.7036
Hunter-Lab	41.4552, -5.1129, 3.9460

Details

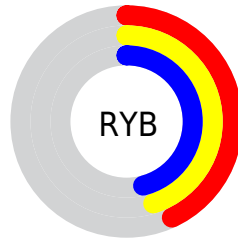
The XYZ color **15.6609, 17.1853, 17.5306** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0650, 16.1950, 18.8030**, and the grayscale version is **16.0667, 16.9034, 18.4078**.

A 20% lighter version of the original color is **35.6991, 38.7017, 40.2390**, and **5.0119, 5.6393, 5.5270** is the 20% darker color. If you saturate the color by 10%, you get **13.7787, 16.2757, 14.7202**, and if you desaturate by 10%, it is **17.7983, 18.2202, 20.6774**.

Distribution



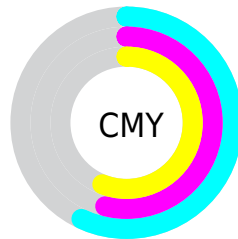
- Red (43%)
- Green (46%)
- Blue (44%)



- Red (43%)
- Yellow (45%)
- Blue (46%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6609, 17.1853, 17.5306 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 15.6609, 17.1853, 17.5306 by changing the saturation by 10% instead.

■ 15.6609, 17.1853,
17.5306

■ 15.6609, 17.1853,
17.5306

220.6423,
236.2380, 250.3584

■ 9.3738, 10.3667,
10.4476

■ 35.5707, 38.6441,
40.0389

■ 5.0449, 5.6428,
5.5872

■ 49.9242, 54.0531,
56.3013

■ 2.3086, 2.6291,
2.5311

■ 67.6972, 73.0943,
76.4605

■ 0.7991, 0.9413,
0.8566

■ 89.2550, 96.1522,
100.9351

■ 0.0000, 0.0000,
0.0000

114.9631,
123.6111, 130.1437

145.1868,

155.8554, 164.5047

180.2914,
193.2696, 204.4368

■ 15.6609, 17.1853,
17.5306

■ 15.6609, 17.1853,
17.5306

■ 13.7787, 16.2757,
14.7202

■ 17.7983, 18.2202,
20.6774

■ 12.1408, 15.4847,
12.2338

■ 20.1986, 19.3828,
24.1699

■ 10.7375, 14.8079,
10.0603

■ 22.8707, 20.6779,
28.0187

■ 9.5580, 14.2401,
8.1871

■ 25.8228, 22.1095,
32.2335

■ 8.5907, 13.7755,
6.6011

■ 29.0628, 23.6816,
36.8236

■ 7.8227, 13.4079,
5.2881

■ 32.5982, 25.3977,
41.7979

■ 7.2400, 13.1303,
4.2326

■ 36.4362, 27.2614,
47.1652

■ 6.8265, 12.9347,
3.4176

■ 40.5838, 29.2763,
52.9338

■ 6.5535, 12.8068,
2.8237

■ 45.0479, 31.4454,
59.1120

Harmonies

Analogous

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



15.9566, 17.1853, 16.7610



15.6609, 17.1853, 17.5306



15.5452, 17.1853, 18.6442

Triad

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



15.6609, 17.1853, 17.5306



16.3105, 17.1853, 21.1038



17.0507, 17.1853, 17.6432

Complementary

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



15.6609, 17.1853, 17.5306



16.0650, 16.1950, 18.8030

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.



17.1493, 17.1853, 18.7797



15.6609, 17.1853, 17.5306



16.7176, 17.1853, 20.8085

Square

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



15.6609, 17.1853, 17.5306



15.9163, 17.1853, 20.7359



17.0263, 17.1853, 19.9450



16.7592, 17.1853, 16.8240

Rectangle

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



15.6609, 17.1853, 17.5306



15.5842, 17.1853, 19.4430



17.0263, 17.1853, 19.9450



17.1077, 17.1853, 17.9993

Sweetspot

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



15.6614, 17.1860, 17.5310



29.4933, 31.4750, 33.5345



16.3878, 17.5669, 17.2789



6.7948, 7.2433, 7.7305



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.



15.6614, 17.1860, 17.5310



27.6167, 30.5671, 30.7581



15.8542, 17.2632, 18.5464



3.7458, 4.1475, 4.1710



7.1138, 14.0595, 2.8895



34.4686, 68.4347, 13.0384

Inverse Universe

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



16.0650, 16.1950, 18.8030



28.4772, 28.4544, 33.4698



15.8689, 16.1166, 17.7700



3.8634, 3.8589, 4.5415



10.6280, 5.1849, 13.7809



51.5505, 25.1703, 65.8875

Previews

White Background



This preview shows how the XYZ color 15.6609, 17.1853, 17.5306 looks on a white background.

Color Contrast Check

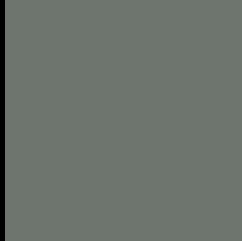
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6609, 17.1853, 17.5306 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

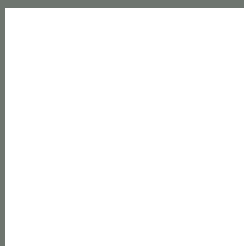
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6609, 17.1853, 17.5306

Background



This preview shows how black text looks on a background with the XYZ color 15.6609, 17.1853, 17.5306.

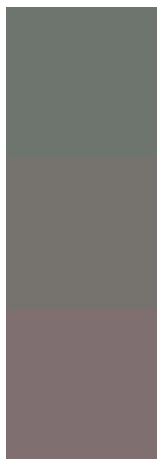


This preview shows how white text looks on a background with the XYZ color 15.6609, 17.1853,

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

15.6609, 17.1853, 17.5306

Protanopia

16.4164, 17.2388, 17.2140

Deuteranopia

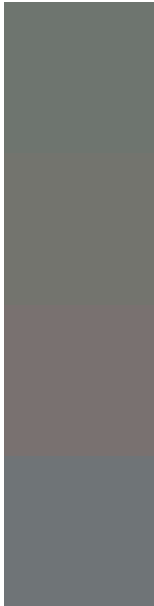
17.3615, 17.0508, 17.7053



Tritanopia

16.4509, 17.1614, 21.5142

Trichromacy



Original Color

15.6609, 17.1853, 17.5306

Protanomaly

16.1301, 17.2614, 17.2335

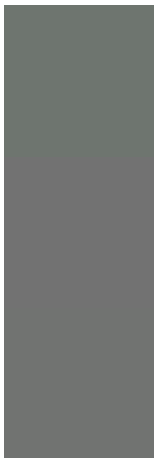
Deuteranomaly

16.7149, 17.0451, 17.7383

Tritanomaly

16.1307, 17.2022, 19.9229

Monochromacy



Original Color

15.6609, 17.1853, 17.5306

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9214, 16.9644, 18.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6609, 17.1853, 17.5306 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(110, 117, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 117, 111)  
}
```

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(110, 117, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 117, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.6609, 17.1853, 17.5306 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(110, 117, 111) }
```


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

```
.border{ border-color:rgb(110, 117, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 117, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 117, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 117, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 117,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6609, 17.1853, 17.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 117, 111) }
```

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

```
.background{ background-color: rgb(110,  
117, 111) }
```

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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