

Converting Colors

XYZ(15.2658, 17.2268, 15.3372)

Have a look what the booklet for
XYZ(15.2658, 17.2268, 15.3372)
contains.

XYZ(15.2333, 17.1873, 15.3466)	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(15.2333, 17.1873,
15.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7667
RGB	109, 118, 103
RGB Percent	43%, 46%, 40%
CMY	0.5725, 0.5372, 0.5961
CMYK	0.08, 0.00, 0.13, 0.54
HSL	96°, 7%, 43%
HSV	96°, 13%, 46%
XYZ	15.2333, 17.1873, 15.3466
YIQ	113.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

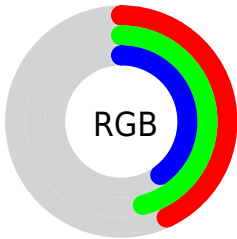
Format	Color
R _Y B	103, 118, 112
Decimal	7173735
CIE Lab	48.50, -6.40, 7.12
CIE LCh	48, 9.571, 131.976
Yxy	17.1873, 0.3189, 0.3598
Android (android.graphics.Color)	4285363815 (0xFF6D7667)
YUV	113.5990, -5.2253, -4.0333
Hunter-Lab	41.4576, -6.9621, 7.0726

Details

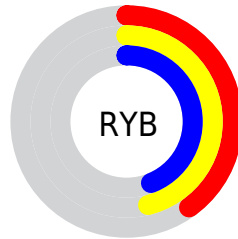
The XYZ color **15.2333, 17.1873, 15.3466** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8030, 14.4537, 19.1500**, and the grayscale version is **15.8898, 16.7174, 18.2052**.

A 20% lighter version of the original color is **34.9054, 38.6596, 36.1942**, and **4.8284, 5.6579, 4.5790** is the 20% darker color. If you saturate the color by 10%, you get **13.8462, 16.5364, 12.4051**, and if you desaturate by 10%, it is **16.7752, 17.9093, 18.7325**.

Distribution



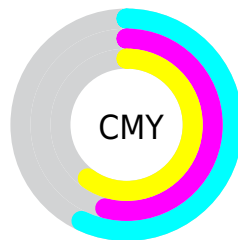
- Red (43%)
- Green (46%)
- Blue (40%)



- Red (40%)
- Yellow (46%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2333, 17.1873, 15.3466 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 15.2333, 17.1873, 15.3466 by changing the saturation by 10% instead.

■ 15.2333, 17.1873,
15.3466

■ 15.2333, 17.1873,
15.3466

218.1345,
236.2494, 237.1672

■ 9.0707, 10.3681,
8.9137

■ 34.8302, 38.6475,
36.2109

■ 4.8448, 5.6437,
4.5889

■ 48.9953, 54.0574,
51.4795

■ 2.1903, 2.6297,
1.9536

■ 66.5585, 73.0996,
70.5302

■ 0.7376, 0.9416,
0.5266

■ 87.8852, 96.1585,
93.7818

■ 0.0000, 0.0000,
0.0000

113.3408,
123.6185, 121.6528

143.2906,

155.8641, 154.5617

178.1001,
193.2796, 192.9269

■ 15.2333, 17.1873,
15.3466

■ 15.2333, 17.1873,
15.3466

■ 13.8462, 16.5364,
12.4051

■ 16.7752, 17.9093,
18.7325

■ 12.6073, 15.9521,
9.8884

■ 18.4752, 18.7024,
22.5790

■ 11.5117, 15.4329,
7.7772

■ 20.3386, 19.5692,
26.9029

■ 10.5535, 14.9762,
6.0503

■ 22.3698, 20.5118,
31.7197

■ 9.7265, 14.5792,
4.6843

■ 24.5730, 21.5320,
37.0445

■ 9.0239, 14.2391,
3.6536

■ 26.9523, 22.6316,
42.8914

■ 8.4382, 13.9526,
2.9290

■ 29.5117, 23.8124,
49.2742

■ 7.9604, 13.7158,
2.4748

■ 32.2550, 25.0761,
56.2060

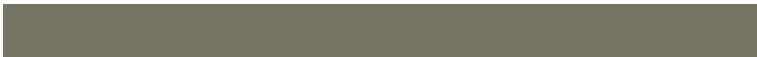
■ 7.6600, 13.5665,
2.2149

■ 35.1860, 26.4242,
63.6996

Harmonies

Analogous

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



15.9884, 17.1873, 14.3738



15.2333, 17.1873, 15.3466



14.7835, 17.1873, 17.2584

Triad

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



15.2333, 17.1873, 15.3466



15.8195, 17.1873, 23.6956



18.0428, 17.1873, 17.7291

Complementary

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



15.2333, 17.1873, 15.3466



14.8030, 14.4537, 19.1500

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.



17.9936, 17.1873, 20.2494



15.2333, 17.1873, 15.3466



16.6886, 17.1873, 23.8503

Square

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



15.2333, 17.1873, 15.3466



15.1135, 17.1873, 22.1356



17.4907, 17.1873, 22.5412



17.6228, 17.1873, 15.6646

Rectangle

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



15.2333, 17.1873, 15.3466



14.7071, 17.1873, 18.8812



17.4907, 17.1873, 22.5412



18.0810, 17.1873, 18.5479

Sweetspot

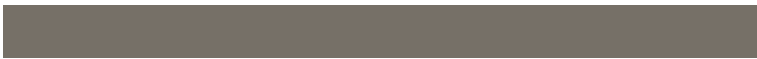
The Sweet Spot groups the original color and five complimentary colors.



15.2338, 17.1880, 15.3470



29.1026, 31.3057, 32.0632



15.7142, 16.4198, 15.1734



6.6507, 7.1788, 7.2821



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.



15.2338, 17.1880, 15.3470



26.1096, 29.9042, 25.5327



14.5966, 16.8508, 15.7138



3.7664, 4.1631, 3.9473



8.2732, 14.6693, 2.3954



39.4043, 71.0154, 11.6305

Inverse Universe

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



14.8030, 14.4537, 19.1500



25.2094, 24.1917, 33.4778



15.5036, 14.8251, 18.7211



3.6916, 3.6883, 4.6076



6.3193, 2.8490, 18.7594



29.8086, 13.3754, 91.3709

Previews

White Background



This preview shows how the XYZ color 15.2333, 17.1873, 15.3466 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 15.2333, 17.1873, 15.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

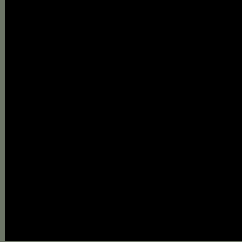
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

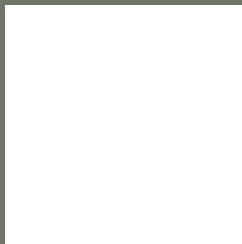
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2333, 17.1873, 15.3466

Background



This preview shows how black text looks on a background with the XYZ color 15.2333, 17.1873, 15.3466.

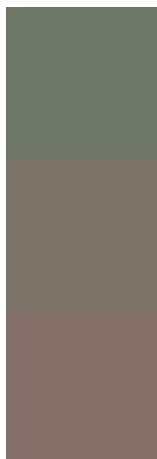


This preview shows how white text looks on a background with the XYZ color 15.2333, 17.1873,

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

15.2333, 17.1873, 15.3466

Protanopia

16.2254, 17.1941, 14.7755

Deuteranopia

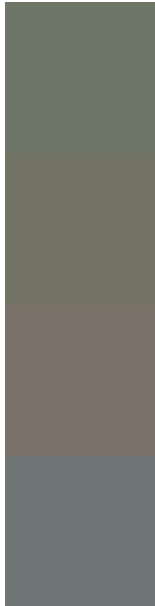
17.3891, 17.1142, 15.4836



Tritanopia

16.4509, 17.1614, 21.5142

Trichromacy



Original Color

15.2333, 17.1873, 15.3466

Protanomaly

15.8461, 17.1631, 15.0480

Deuteranomaly

16.5420, 17.1717, 15.5393

Tritanomaly

15.9533, 17.1312, 18.9888

Monochromacy



Original Color

15.2333, 17.1873, 15.3466

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6273, 16.8320, 17.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2333, 17.1873, 15.3466 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(109, 118, 103) looks like.

```
.text, #text, p{  
    color:rgb(109, 118, 103)  
}
```

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(109, 118, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 118, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.2333, 17.1873, 15.3466 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(109, 118, 103) }
```


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

```
.border{ border-color:rgb(109, 118, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 118, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 118, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 118, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 118,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2333, 17.1873, 15.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 118, 103) }
```

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

```
.background{ background-color: rgb(109,  
118, 103) }
```

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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