

Converting Colors

XYZ(15.7521, 17.3760, 16.6622)

Have a look what the booklet for
XYZ(15.7521, 17.3760, 16.6622)
contains.

XYZ(15.7408, 17.4191, 16.7200)	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(15.7408, 17.4191,
16.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	6F766C
RGB	111, 118, 108
RGB Percent	44%, 46%, 42%
CMY	0.5647, 0.5372, 0.5765
CMYK	0.06, 0.00, 0.08, 0.54
HSL	102°, 4%, 44%
HSV	102°, 8%, 46%
XYZ	15.7408, 17.4191, 16.7200
YIQ	114.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

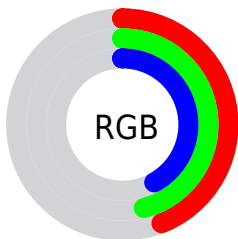
Format	Color
R_{YB}	108, 118, 115
Decimal	7304812
CIE _{Lab}	48.78, -4.66, 4.60
CIE _{LCh}	49, 6.547, 135.408
Yxy	17.4191, 0.3156, 0.3492
Android (android.graphics.Color)	4285494892 (0xFF6F766C)
YUV	114.7670, -3.3361, -3.3037
Hunter-Lab	41.7362, -5.7171, 5.4631

Details

The XYZ color **15.7408, 17.4191, 16.7200** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7035, 15.6785, 19.3390**, and the grayscale version is **16.2356, 17.0811, 18.6013**.

A 20% lighter version of the original color is **35.7370, 39.0392, 38.4527**, and **5.0824, 5.7740, 5.2615** is the 20% darker color. If you saturate the color by 10%, you get **14.1631, 16.6740, 13.5868**, and if you desaturate by 10%, it is **17.5006, 18.2493, 20.3063**.

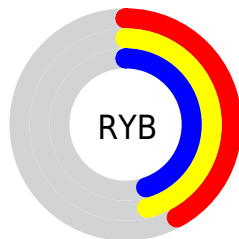
Distribution



Red (44%)

Green (46%)

Blue (42%)



Red (42%)

Yellow (46%)

Blue (45%)

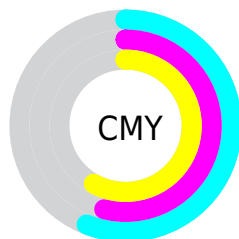


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7408, 17.4191, 16.7200 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 15.7408, 17.4191, 16.7200 by changing the saturation by 10% instead.

■ 15.7408, 17.4191,
16.7200

■ 15.7408, 17.4191,
16.7200

221.1079,
237.5761, 245.5427

■ 9.4306, 10.5337,
9.8752

■ 35.7087, 39.0450,
38.6278

■ 5.0824, 5.7543,
5.2118

■ 50.0972, 54.5543,
54.5278

■ 2.3310, 2.6962,
2.3111

■ 67.9091, 73.7070,
74.2834

■ 0.8104, 0.9753,
0.7375

■ 89.5098, 96.8876,
98.3130

■ 0.0000, 0.0000,
0.0000

115.2647,
124.4804, 127.0352

145.5391,

156.8698, 160.8685

180.6984,
194.4402, 200.2315

■ 15.7408, 17.4191,
16.7200

■ 15.7408, 17.4191,
16.7200

■ 14.1631, 16.6740,
13.5868

■ 17.5006, 18.2493,
20.3063

■ 12.7601, 16.0090,
10.8875

■ 19.4469, 19.1649,
24.3614

■ 11.5260, 15.4221,
8.6033

■ 21.5855, 20.1691,
28.9019

■ 10.4541, 14.9102,
6.7137

■ 23.9216, 21.2642,
33.9431

■ 9.5371, 14.4701,
5.1961

■ 26.4602, 22.4526,
39.4996

■ 8.7672, 14.0984,
4.0259

■ 29.2062, 23.7363,
45.5856

■ 8.1360, 13.7911,
3.1756

■ 32.1643, 25.1176,
52.2145

■ 7.6337, 13.5441,
2.6133

■ 35.3388, 26.5984,
59.3993

■ 7.2392, 13.3484,
2.2466

■ 38.7343, 28.1808,
67.1527

Harmonies

Analogous

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



16.2488, 17.4191, 15.9294



15.7408, 17.4191, 16.7200



15.4547, 17.4191, 18.1385

Triad

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



15.7408, 17.4191, 16.7200



16.2647, 17.4191, 22.3806



17.7046, 17.4191, 18.0940

Complementary

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



15.7408, 17.4191, 16.7200



15.7035, 15.6785, 19.3390

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.



17.7091, 17.4191, 19.8192



15.7408, 17.4191, 16.7200



16.8677, 17.4191, 22.3669

Square

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



15.7408, 17.4191, 16.7200



15.7521, 17.4191, 21.4420



17.3996, 17.4191, 21.4056



17.3874, 17.4191, 16.6891

Rectangle

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



15.7408, 17.4191, 16.7200



15.4238, 17.4191, 19.2825



17.3996, 17.4191, 21.4056



17.7430, 17.4191, 18.6538

Sweetspot

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



15.7413, 17.4198, 16.7204



29.3075, 31.3974, 32.7031



16.3094, 17.1965, 16.6473



6.6879, 7.1950, 7.4164



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.



15.7413, 17.4198, 16.7204



27.1620, 30.3852, 28.3644



15.4778, 17.2716, 17.2702



3.7344, 4.1465, 3.9458



7.7614, 14.4055, 2.3715



37.0527, 69.8031, 11.5205

Inverse Universe

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



15.7035, 15.6785, 19.3390



27.0825, 26.7252, 33.8681



15.9868, 15.8381, 18.7382



3.7248, 3.7054, 4.6091



7.3467, 3.3787, 18.8075



34.9064, 16.0034, 91.6095

Previews

White Background



This preview shows how the XYZ color 15.7408, 17.4191, 16.7200 looks on a white background.

Color Contrast Check

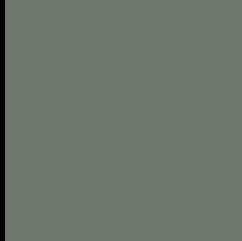
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7408, 17.4191, 16.7200 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

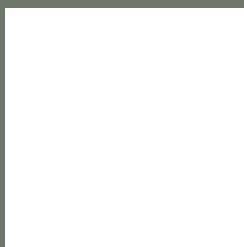
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7408, 17.4191, 16.7200

Background



This preview shows how black text looks on a background with the XYZ color 15.7408, 17.4191, 16.7200.



This preview shows how white text looks on a background with the XYZ color 15.7408, 17.4191,

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

15.7408, 17.4191, 16.7200

Protanopia

16.5303, 17.3161, 16.3810

Deuteranopia

17.6077, 17.3596, 16.8907



Tritanopia

16.8865, 17.5489, 21.8993

Trichromacy



Original Color

15.7408, 17.4191, 16.7200

Protanomaly

16.2354, 17.3342, 16.4001

Deuteranomaly

16.8037, 17.2763, 16.9170

Tritanomaly

16.5011, 17.5652, 19.9735

Monochromacy



Original Color

15.7408, 17.4191, 16.7200

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1095, 17.2380, 17.8074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7408, 17.4191, 16.7200 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(111, 118, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 118, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.7408, 17.4191, 16.7200 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(111, 118, 108) }
```


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

```
.border{ border-color:rgb(111, 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(111, 118, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 118, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 118, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 118,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7408, 17.4191, 16.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 108) }
```

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

```
.background{ background-color: rgb(111,  
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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