

Converting Colors

XYZ(15.1161, 17.3123, 16.9656)

Have a look what the booklet for
XYZ(15.1161, 17.3123, 16.9656)
contains.

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Color

**XYZ(15.0661, 17.2408,
17.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	68776D
RGB	104, 119, 109
RGB Percent	41%, 47%, 43%
CMY	0.5922, 0.5333, 0.5725
CMYK	0.13, 0.00, 0.08, 0.53
HSL	140°, 7%, 44%
HSV	140°, 13%, 47%
XYZ	15.0661, 17.2408, 17.0017
YIQ	113.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

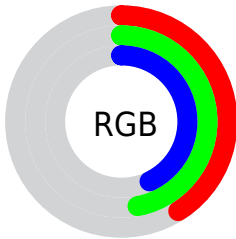
Format	Color
RYB	104, 115, 119
Decimal	6846317
CIELab	48.56, -7.69, 3.62
CIElCh	49, 8.495, 154.808
Yxy	17.2408, 0.3055, 0.3497
Android (android.graphics.Color)	4285036397 (0xFF68776D)
YUV	113.3750, -2.1569, -8.2219
Hunter-Lab	41.5220, -7.8956, 4.7884

Details

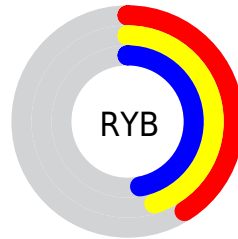
The XYZ color **15.0661, 17.2408, 17.0017** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5960, 15.0380, 18.0012**, and the grayscale version is **15.8153, 16.6389, 18.1198**.

A 20% lighter version of the original color is **34.4256, 38.6324, 38.9001**, and **4.8101, 5.7241, 5.4088** is the 20% darker color. If you saturate the color by 10%, you get **13.3731, 16.4157, 14.7927**, and if you desaturate by 10%, it is **16.9936, 18.1833, 19.4237**.

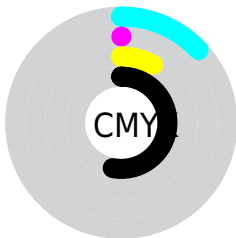
Distribution



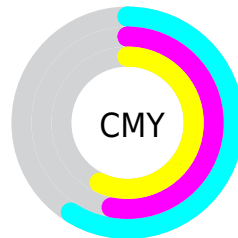
- Red (41%)
- Green (47%)
- Blue (43%)



- Red (41%)
- Yellow (45%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0661, 17.2408, 17.0017 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 15.0661, 17.2408, 17.0017 by changing the saturation by 10% instead.

■ 15.0661, 17.2408,
17.0017

■ 15.0661, 17.2408,
17.0017

217.1464,
236.5562, 247.2265

■ 8.9524, 10.4063,
10.0737

■ 34.5398, 38.7393,
39.1194

■ 4.7670, 5.6692,
5.3416

■ 48.6305, 54.1722,
55.1462

■ 2.1446, 2.6450,
2.3868

■ 66.1110, 73.2399,
75.0430

■ 0.7133, 0.9493,
0.7793

■ 87.3465, 96.3270,
99.2284

■ 0.0000, 0.0000,
0.0000

112.7024,
123.8178, 128.1209

142.5442,

156.0966, 162.1391

177.2370,
193.5480, 201.7014

■ 15.0661, 17.2408,
17.0017

■ 15.0661, 17.2408,
17.0017

■ 13.3731, 16.4157,
14.7927

■ 16.9936, 18.1833,
19.4237

■ 11.9040, 15.7011,
12.7899

■ 19.1628, 19.2454,
22.0631

■ 10.6496, 15.0931,
10.9875

■ 21.5823, 20.4319,
24.9255

■ 9.5994, 14.5861,
9.3795

■ 24.2600, 21.7466,
28.0161

■ 8.7419, 14.1746,
7.9592

■ 27.2032, 23.1934,
31.3399

■ 8.0646, 13.8522,
6.7195

■ 30.4192, 24.7758,
34.9015

■ 7.5533, 13.6117,
5.6532

■ 33.9147, 26.4973,
38.7057

■ 7.1911, 13.4446,
4.7521

■ 37.6965, 28.3611,
42.7570

■ 6.9743, 13.3451,
4.1855

■ 41.7709, 30.3705,
47.0597

Harmonies

Analogous

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



15.5451, 17.2408, 15.4600



15.0661, 17.2408, 17.0017



14.9365, 17.2408, 19.1348

Triad

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



15.0661, 17.2408, 17.0017



16.5130, 17.2408, 23.3889



17.6502, 17.2408, 16.4243

Complementary

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



15.0661, 17.2408, 17.0017



15.5960, 15.0380, 18.0012

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.



17.9282, 17.2408, 18.4144



15.0661, 17.2408, 17.0017



17.2585, 17.2408, 22.5268

Square

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



15.0661, 17.2408, 17.0017



15.7564, 17.2408, 22.9360



17.7826, 17.2408, 20.6618



17.0340, 17.2408, 15.1457

Rectangle

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



15.0661, 17.2408, 17.0017



15.0621, 17.2408, 20.6339



17.7826, 17.2408, 20.6618



17.7871, 17.2408, 17.0262

Sweetspot

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



15.0666, 17.2415, 17.0021



29.8860, 32.2941, 34.1077



16.0682, 17.7881, 15.6837



7.0278, 7.6266, 8.0150



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0666, 17.2415, 17.0021



26.0960, 30.4425, 29.3090



15.4733, 17.4042, 19.1439



3.6863, 4.1165, 4.1821



7.4054, 14.1761, 4.4248



35.7268, 68.9380, 19.6643

Inverse Universe

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



15.5960, 15.0380, 18.0012



27.2316, 25.7157, 31.4517



15.1994, 14.8794, 15.9124



3.7772, 3.7382, 4.3536



9.5909, 4.7701, 8.3200



46.3282, 23.0814, 38.3875

Previews

White Background



This preview shows how the XYZ color 15.0661, 17.2408, 17.0017 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 15.0661, 17.2408, 17.0017 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

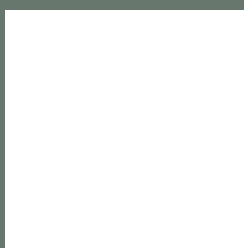
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0661, 17.2408, 17.0017

Background



This preview shows how black text looks on a background with the XYZ color 15.0661, 17.2408, 17.0017.



This preview shows how white text looks on a background with the XYZ color 15.0661, 17.2408,

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

15.0661, 17.2408, 17.0017

Protanopia

16.3923, 17.2449, 16.3746

Deuteranopia

17.4558, 17.1058, 17.4207



Tritanopia

16.1906, 17.3547, 22.2351

Trichromacy



Original Color

15.0661, 17.2408, 17.0017

Protanomaly

15.8916, 17.1509, 16.6602

Deuteranomaly

16.4395, 17.0824, 17.1826

Tritanomaly

15.8125, 17.3771, 20.2900

Monochromacy



Original Color

15.0661, 17.2408, 17.0017

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4858, 16.7463, 17.7454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0661, 17.2408, 17.0017 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(104, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(104, 119, 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(104, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.0661, 17.2408, 17.0017 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(104, 119, 109) }
```


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

```
.border{ border-color:rgb(104, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(104, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0661, 17.2408, 17.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 119, 109) }
```

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

```
.background{ background-color: rgb(104,  
119, 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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