

Converting Colors

XYZ(15.7580, 16.1923, 17.3412)

Have a look what the booklet for
XYZ(15.7580, 16.1923, 17.3412)
contains.

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Color

**XYZ(15.7561, 16.2296,
17.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	746F6F
RGB	116, 111, 111
RGB Percent	45%, 44%, 44%
CMY	0.5451, 0.5647, 0.5647
CMYK	0.00, 0.04, 0.04, 0.55
HSL	0°, 2%, 45%
HSV	0°, 4%, 45%
XYZ	15.7561, 16.2296, 17.3411
YIQ	112.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

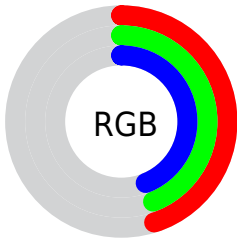
Format	Color
R_{YB}	116, 111, 111
Decimal	7630703
CIE Lab	47.27, 1.93, 0.68
CIE LCh	47, 2.051, 19.477
Yxy	16.2296, 0.3194, 0.3290
Android (android.graphics.Color)	4285820783 (0xFF746F6F)
YUV	112.4950, -0.7370, 3.0739
Hunter-Lab	40.2860, -0.6880, 2.6788

Details

The XYZ color **15.7561, 16.2296, 17.3411** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9532, 17.1308, 18.9888**, and the grayscale version is **15.5485, 16.3583, 17.8142**.

A 20% lighter version of the original color is **35.8565, 37.1636, 39.9338**, and **5.0586, 5.1428, 5.4287** is the 20% darker color. If you saturate the color by 10%, you get **13.9745, 13.6229, 13.7980**, and if you desaturate by 10%, it is **17.7858, 19.1994, 21.3766**.

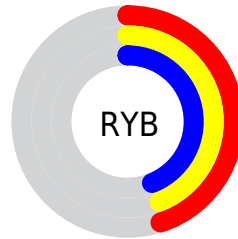
Distribution



Red (45%)

Green (44%)

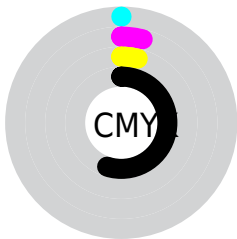
Blue (44%)



Red (45%)

Yellow (44%)

Blue (44%)

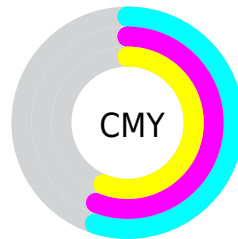


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7561, 16.2296, 17.3411 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 15.7561, 16.2296, 17.3411 by changing the saturation by 10% instead.

■ 15.7561, 16.2296,
17.3411

■ 15.7561, 16.2296,
17.3411

221.1970,
230.6928, 249.2406

■ 9.4415, 9.6868,
10.3135

■ 35.7351, 36.9963,
39.7100

■ 5.0897, 5.1918,
5.4990

■ 50.1303, 51.9890,
55.8883

■ 2.3353, 2.3602,
2.4791

■ 67.9496, 70.5672,
75.9539

■ 0.8126, 0.8053,
0.8290

■ 89.5585, 93.1151,
100.3254

■ 0.0000, 0.0000,
0.0000

115.3224,
120.0172, 129.4213

145.6065,

151.6579, 163.6601

180.7762,
188.4216, 203.4603

■ 15.7561, 16.2296,
17.3411

■ 15.7561, 16.2296,
17.3411

■ 13.9745, 13.6229,
13.7980

■ 17.7858, 19.1994,
21.3766

■ 12.4302, 11.3633,
10.7275

■ 20.0713, 22.5432,
25.9212

■ 11.1136, 9.4369,
8.1099

■ 22.6213, 26.2741,
30.9921

■ 10.0140, 7.8278,
5.9237

■ 25.4441, 30.4041,
36.6055

■ 9.1196, 6.5191,
4.1459

■ 28.5474, 34.9444,
42.7769

■ 8.4179, 5.4922,
2.7511

■ 31.9386, 39.9059,
49.5209

■ 7.8946, 4.7263,
1.7112

■ 35.6249, 45.2991,
56.8519

■ 7.5337, 4.1980,
0.9941

■ 39.6132, 51.1342,
64.7837

■ 7.3109, 3.8719,
0.5516

■ 43.9103, 57.4208,
73.3294

Harmonies

Analogous

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



15.7704, 16.2296, 17.8539



15.7561, 16.2296, 17.3411



15.6529, 16.2296, 16.9246

Triad

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



15.7561, 16.2296, 17.3411



15.1628, 16.2296, 17.0317



15.3623, 16.2296, 18.6692

Complementary

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



15.7561, 16.2296, 17.3411



15.9532, 17.1308, 18.9888

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.



15.2008, 16.2296, 18.4396



15.7561, 16.2296, 17.3411



15.0862, 16.2296, 17.4899

Square

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



15.7561, 16.2296, 17.3411



15.3100, 16.2296, 16.7484



15.1000, 16.2296, 18.0056



15.5421, 16.2296, 18.6274

Rectangle

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



15.7561, 16.2296, 17.3411



15.5480, 16.2296, 16.7544



15.1000, 16.2296, 18.0056



15.3041, 16.2296, 18.6210

Sweetspot

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



15.7566, 16.2303, 17.3415



28.8201, 30.1729, 32.7159



16.0394, 16.3430, 18.8322



6.8819, 7.2077, 7.8178



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.



15.7566, 16.2303, 17.3415



27.4252, 28.1320, 29.9424



16.0329, 16.7830, 17.4336



3.8482, 3.9412, 4.1888



8.0834, 4.1681, 0.3785



39.3898, 20.3081, 1.8438

Inverse Universe

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



15.9532, 17.1308, 18.9888



27.8342, 30.0051, 33.3691



15.6692, 16.5628, 18.8941



3.9090, 4.2200, 4.6987



10.5392, 15.4180, 20.9631



51.3568, 75.1302, 102.1551

Previews

White Background



This preview shows how the XYZ color 15.7561, 16.2296, 17.3411 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 15.7561, 16.2296, 17.3411 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

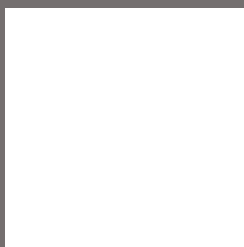
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7561, 16.2296, 17.3411

Background



This preview shows how black text looks on a background with the XYZ color 15.7561, 16.2296, 17.3411.



This preview shows how white text looks on a background with the XYZ color 15.7561, 16.2296,

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

15.7561, 16.2296, 17.3411

Protanopia

15.6028, 16.3134, 17.3654

Deuteranopia

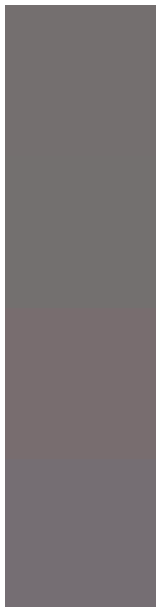
16.4002, 16.0838, 17.2790



Tritanopia

16.1821, 16.2418, 19.4216

Trichromacy



Original Color

15.7561, 16.2296, 17.3411

Protanomaly

15.7336, 16.3809, 17.3715

Deuteranomaly

16.0836, 16.0780, 17.2946

Tritanomaly

16.0066, 16.1716, 18.4974

Monochromacy



Original Color

15.7561, 16.2296, 17.3411

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5289, 16.2689, 17.6510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7561, 16.2296, 17.3411 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(116, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(116, 111, 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(116, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.7561, 16.2296, 17.3411 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(116, 111, 111) }
```


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

```
.border{ border-color:rgb(116, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(116, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7561, 16.2296, 17.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 111, 111) }
```

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

```
.background{ background-color: rgb(116,  
111, 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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